



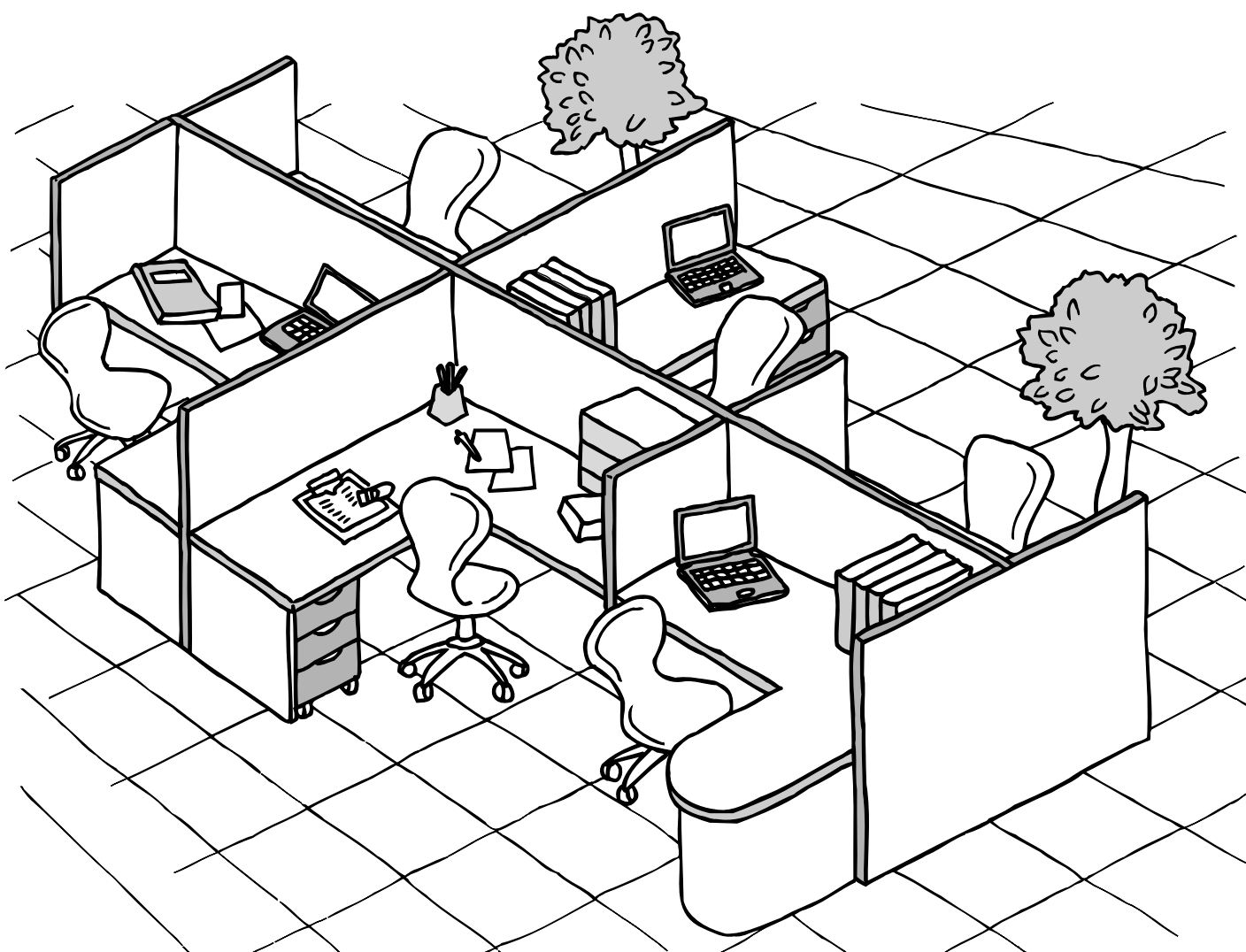
# Panasonic<sup>®</sup>

## Operating Instructions

(For Basic Operations)

### Facsimile Transceiver

Model No. **UF-8200**  
**UF-7200**



## Panafax

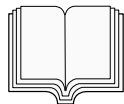
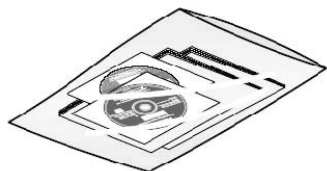
Before operating this machine, please carefully read this manual, and keep this documentation in a safe place for future reference.

English

# Operating Instruction

The following Operating Instruction manuals are included with this machine. Please refer to the appropriate manual and keep all manuals for future reference. If you lose the manual, contact the authorized Panasonic dealer.

## Accessories



### Operating Instructions (For Basic Operations)

This manual contains essential information for setting up the machine and performing basic operations.



### Operating Instructions CD (For Advanced Operations)

Contains manuals with detailed information for Copy, Facsimile/Internet Fax, Scan/Email functions, Function Parameters.



### Document Management System CD

Contains the Panasonic Document Management System Application software, and manuals with detailed information for the Print function, and Panasonic Document Management System Application software.

## ■ Functions and Options

The functions listed below come standard on some models, and optional on others.

Functions	UF-8200	UF-7200
Internet Fax Function	Standard	Option
Network Scanner Function	Standard	Option
2nd Paper Feed Module	Option	Option
Dual G3 Communication Port	Option	Option
Add-on SD Memory Card, SD Memory Card (add-on)	Option	Option
Telephone Handset Kit	Option	Option

SD Logo is a trademark.



SDHC Logo is a trademark.



## How to Read This Manual

The following notations are used throughout this manual.

Sample

**Programming Auto Dialer**

Your machine has 2 types of Auto Dialers. The default dialer can be selected by changing the setting of Fax Parameter No. 19 (QWERTY KEYBOARD). When the setting is set to:

- "1:One-Touch": You can manually select the desired One-Touch Key, ABBR. Dialing and the Program Key.
- "2:Quick Name Search": You can select the station by searching the Station Name, and the Program Name.

**ATTENTION**

- The required Six (6) Basic Internet Parameters must be set when setting Email Address. (See page 132)
- Up to 580 stations, plus additional 420 with the optional SD Memory Card installed. (See page 166)

**Programming Address Book**

- Function  
FUNCTION (1-9)  
ENTER TEL. NO.
- Address Book  
ADDRESS BOOK (1-3)  
ENTER TEL. NO.
- Add Station  
ADD STATION  
ENTER TEL. NO.
- To change the input mode (between enter Email Address and Telephone Number), press [Email].
- Enter the Telephone Number using the Number Pad (up to 36 digits) or the Email Address using the QWERTY Keyboard (up to 60 characters), then press [Set].  
Ex: 335 or admin@pana  
ENTER NAME  
335  
ENTER NAME  
admin@pana
- Enter the Station Name using the QWERTY Keyboard (up to 15 characters), then press [Set].  
ADD STATION  
ENTER TEL. NO.  
ADD STATION  
ENTER EMAIL ADDRESS

**NOTE**

- Use [Monitor] to enter a space between the numbers to make it easier to read.
- Use [Left] or [Right] to move the cursor beyond the incorrect character, press [Clear] then re-enter the new character.
- If you are using Pulse dialing and you wish to change to Tone dialing in the middle of dialing, press [Tone] (represented by a"/"). The dialing method will be changed from Pulse to Tone after dialing the digit "/".
- When using Address Book Dialing, you cannot use ABBR. Number Dialing.

Continued on the next page... XX

### ATTENTION

Indicates items that need to be registered in advance.

### Function



Keys with a pointing finger indicate keys you need to press.

Ex: Press the Function Key.



Indicates pressing keys sequentially.

Ex: Press 7, 2, the Set Key in sequence.

ADD STATION  
ENTER EMAIL ADDRESS

Indicates messages shown on the LCD display.

### NOTE

Indicates additional information on operations or features.

\* (Tone)

Indicates keys on the Control Panel.

The shape is different from the actual keys on the machine.

The functions of some of the keys are marked in parentheses.

For details about the keys on the Control Panel, refer to Control Panel. (See page 16)

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# Safety Information






## For Your Safety

To prevent severe injury and loss of life, read this section carefully before using your machine to ensure proper and safe operation of your machine.

■ This section explains the graphic symbols used in this manual.

	<b>WARNING</b>	Denotes a potential hazard that could result in serious injury, or death.
	<b>CAUTION</b>	Denotes hazards that could result in minor injury, or damage to the machine.





■ This section also explains the graphic symbols used in this manual.

		These symbols are used to alert operators to a specific operating procedure that must not be performed.
		These symbols are used to alert operators to a specific operating procedure that must be emphasized in order to operate the machine safely.
		This symbol is used to alert operators to a heated surface that may cause burns and requires close attention.



## WARNING

### Power and Ground Connection Cautions

-  Ensure that the plug connection is free of dust. In a damp environment, a contaminated connector can draw a significant amount of current that can generate heat and eventually cause fire over an extended period of time.
-  Always use the power cord provided with your machine.  
If you use a cord with an unspecified current rating, the machine or plug may emit smoke or become hot to the touch externally.
-  Do not attempt to repair, pull, bend, chafe or otherwise damage the power cord. Do not place a heavy object on the cord. A damaged cord can cause fire or electric shocks.
-  Never touch a power cord with wet hands. Danger of electric shock exists.



When disconnecting the machine, grasp the plug instead of the cord. Pulling on a cord forcibly can damage it and cause fire or electric shock.



If the power cord is broken or insulated wires are exposed, contact your authorized Panasonic dealer for a replacement. Using a damaged cord can cause fire or electric shocks.



Stop operation immediately if your machine produces smoke, excessive heat, unusual noise, or smell, or if water is spilt onto the machine. These conditions can cause fire. Immediately unplug the machine, and contact your authorized Panasonic dealer.



Do not disconnect or reconnect the power cord from the machine while it is on. Disconnecting a live connector can deform the plug and cause fire.

## Safety Information

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When the machine is not used over an extended period of time, unplug it. If an unused machine is left connected to a power source for a long period, degraded insulation can cause electric shocks, current leakage or fire.



Be sure to unplug the machine before accessing the interior of the machine for cleaning, maintenance or fault clearance. Access to a live machine's interior can cause electric shock.



Once a month, unplug the machine and check the power cord for the following. If you notice any unusual condition, contact your authorized Panasonic dealer.

- The power cord is plugged firmly into the receptacle.
- The plug is not excessively heated, rusted, or bent.
- The plug and receptacle are free of dust.
- The cord is not cracked or frayed.

## Operating Safeguards



Do not touch areas where these caution labels are attached to the surface may be very hot, and cause severe burns.



Do not place any liquid container such as a vase or coffee cup on the machine. Spilt water can cause fire or shock hazard.



Do not place any metal parts such as staples or clips on the machine. If metal and flammable parts get into the machine, they can short-circuit internal components, and cause fire or electric shocks.



If debris (metal or liquid) gets into the machine, unplug the machine. Contact your authorized Panasonic dealer. Operating a debris contaminated machine can cause fire or electric shock.



Never open or remove machine covers that are secured with screws unless specifically instructed in the "Operating Instructions". A high-voltage component can cause electric shocks.



Do not try to alter the machine configuration or modify any parts. An unauthorized modification can cause smoke or fire.

## Consumable Safeguards



Never dispose of toner or a toner cartridge into an open flame. It can cause an explosion, burns, and/or injuries.



Keep SD Memory Card/verification stamp out of the reach of children. If an SD Memory Card/stamp is swallowed accidentally, get medical treatment immediately.



# CAUTION

## Installation and Relocation Cautions



Do not place the machine near heaters or volatile, flammable, or combustible materials such as curtains that may catch fire.



Do not place the machine in a hot, humid, dusty or poorly ventilated environment.

Prolonged exposure to these adverse conditions can cause fire or electric shocks.



When moving the machine, be sure to unplug the power cord from the outlet. If the machine is moved with the power cord attached, it can cause damage to the cord which could result in fire or electric shock.



Place the machine on a level and sturdy surface that can withstand a weight of 50.7lb (23kg). If tilted, the machine may tip-over and cause injuries.



When relocating the machine, contact your authorized Panasonic dealer.

## Operating Safeguards



Do not place a magnet near the safety switch of the machine. A magnet can activate the machine accidentally, resulting in injuries.



Do not use a highly flammable spray or solvent near the machine. It can cause fire.



Do not use conductive paper, e.g. folding paper, carbonic paper and coated paper. When a paper jam occurs, they can cause a short circuit and fire.



Never touch a labelled area found on or near the heat roller. You can get burnt. If a sheet of paper is wrapped around the heat roller, do not try to remove it yourself to avoid injuries or burns. Disconnect the power cord from the machine immediately, and contact your authorized Panasonic dealer.



Keep the room ventilated when using the machine for an extended period of time to minimize the ozone density in the air.



Pull out paper trays slowly to prevent injuries.



When removing jammed paper, make sure that no pieces of torn paper are left in the machine. A piece of paper remaining in the machine can cause fire. If a sheet of paper is wrapped around the heat roller, or when clearing a jammed paper that is difficult or impossible to see, do not try to remove it by yourself. Doing so can cause injuries or burns. Disconnect the power cord from the machine immediately, and contact your authorized Panasonic dealer.

## Consumable Safeguards



Never heat the drum cartridge, or scratch its surface. A heated or scratched drum can be hazardous to your health.

## Others

- The machine has a built-in circuit for protection against lightning-induced surge current. If lightning strikes in your neighborhood, maintain ample distance from the machine and do not touch the machine until the lightning has stopped.

## Safety Information

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■ If you notice flickering or distorted images or noises on your audio-visual units, your machine may be causing radio interference. Disconnect the power cord from the machine and if the interference disappears, the machine is the cause of the radio interference.

**Perform the following procedure until the interference is corrected.**

- Move the machine and the TV and/or radio away from each other.
- Reposition or reorient the machine and the TV and/or radio.
- Unplug the machine, TV and/or radio, and replug them into outlets that operate on different circuits.
- Reorient the TV and/or radio antennas and cables until the interference stops. For an outdoor antenna, ask your local electrician for support.
- Use a coaxial cable antenna.

# Precaution

## For Your Safety

### ■ The maximum power consumption is 1000 W.

A properly wired (grounded), dedicated, 15A, 120V AC outlet is required. Do not use an extension cord. The power cord on this machine must be used to disconnect the main power. Please ensure that the machine is installed near a wall outlet and is easily accessible.

## Supplies

### ■ Store the Toner Cartridge and paper in cool areas with low humidity.

- Panasonic recommends using high quality 16 - 24 lb paper, using an inferior paper may cause excessive paper curl, requiring you to empty out the Output Tray more often to avoid paper jams.
- When clearing a paper jam or other fault, follow the appropriate procedure given in this Operating Instructions.
- For optimum performance, it is recommended that only Panasonic Brand supplies are used in the machine.
- Certain types of transparency film may not be compatible and may damage your machine. Consult with an authorized Panasonic dealer for advice regarding non-standard paper types. (Panasonic has tested "3M CG3300" transparency film and found it to be compatible.)

### ■ Use of other than genuine Panasonic supplies can damage the printer. Be sure to use only genuine Panasonic Toner Cartridge (UG-5570) designed for optimum performance.

**Average yield for the UG-5570 is approximately 10,000 pages (3% coverage).**

**Note:** Average yield is based on 3% coverage of the printable area with repetitive printing of 10 pages (Letter/A4 size, single side printing, default density). The yield of a Toner Cartridge varies depending on the coverage, temperature, humidity, media, etc. Therefore, the average yield cannot be guaranteed. Continuously printing 10% coverage of printable area will reduce the yield of the Toner Cartridge to about half as compared to 3% coverage printing. The maximum yield of the Toner Cartridge will not exceed 11,500 pages.

### ■ Dispose of Toner Cartridge and OPC Drum Unit(s) according to your local regulations.

## Installation

### ■ The machine should not be installed in areas with the following conditions:

- Extremely high or low temperature and humidity.
- Ambient conditions:

Temperature: 50 - 86 °F

Relative humidity: 30 - 80 %

- Where temperature and humidity can change rapidly, causing condensation.
- Direct exposure to sunlight.
- In areas of high dust concentration.
- In areas with chemical fume concentration.
- With unstable or uneven conditions (floors, etc.).
- Directly in the air conditioning flow.
- In areas of poor ventilation.
- In areas with extreme vibration.

## Illegal Copies

It is unlawful to make copies of certain documents.

Copying certain documents may be illegal in your country. Penalties of fines and/or imprisonment may be imposed on those found guilty. The following are examples of items that may be illegal to copy in your country.

- Currency
- Bank notes and checks
- Bank and government bonds and securities
- Passports and identification cards

## Precaution

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- Copyright material or trademarks without the consent of the owner
- Postage stamps and other negotiable instruments

This list is not inclusive and no liability is assumed for either its completeness or accuracy.  
In case of doubt, contact your legal counsel.

### Notice:

Install your machine near a supervised area to prevent illegal copies from being made.

## Ventilation

- The machine should be installed in a well-ventilated area to minimize the ozone density in the air.

## Handling

- Do not disconnect the power cord from the machine or open the Right Cover during copying/printing.

### ■ Energy Saver Mode Notice

- When using the Printer Function (USB Local and Network Connections), we recommend that you leave the Energy Saver Mode in the initial factory default setting (Sleep mode).

### ■ Key Operator ID Code

- The Initial Machine Modes can be checked or changed with the Function Modes, however, these modes require the Key Operator ID Code.

For Key Operator: When setting up this machine, please consult with your authorized Panasonic dealer, and decide on the Key Operator ID Code together, then record it and keep it in a safe place for future reference.

### ■ Dept. (DEPARTMENT) Code

INPUT DEPT CODE  
\*\*\*\*\*

1 to 8-digit

When the Department Counter function is set up, the Dept. (Department) Code input screen is displayed on the LCD Display. A registered Department Code (1 to 8-digit) is required to gain access to each secured function, or the secured Fax/Scanner function(s) cannot be used. Please consult with the Key Operator regarding the Department Code(s) for the desired function.

#### Procedures:

- (1) Input a registered department code (1 to 8-digit).
- (2) Press the SET or START Key.

### ■ Number of Copies

The maximum number of copies is up to 999 (3 digit with keypad). During the copy mode, if you input 4-8 digit numbers, they will be interpreted as being a phone number and displayed on the LCD, then the machine will switch to the Fax mode.

### ■ Auto Reset Timer

As the initial setting for Auto Reset Time is 1 minute, selected operation mode returns to default operation mode (Fax) after 1 minute, if you wish to change this Auto Reset Time, set to Fax Parameter No.121 (AUTO RESET TIME). For more details for Fax Parameter, refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.

## ■Laser Safety

### LASER SAFETY

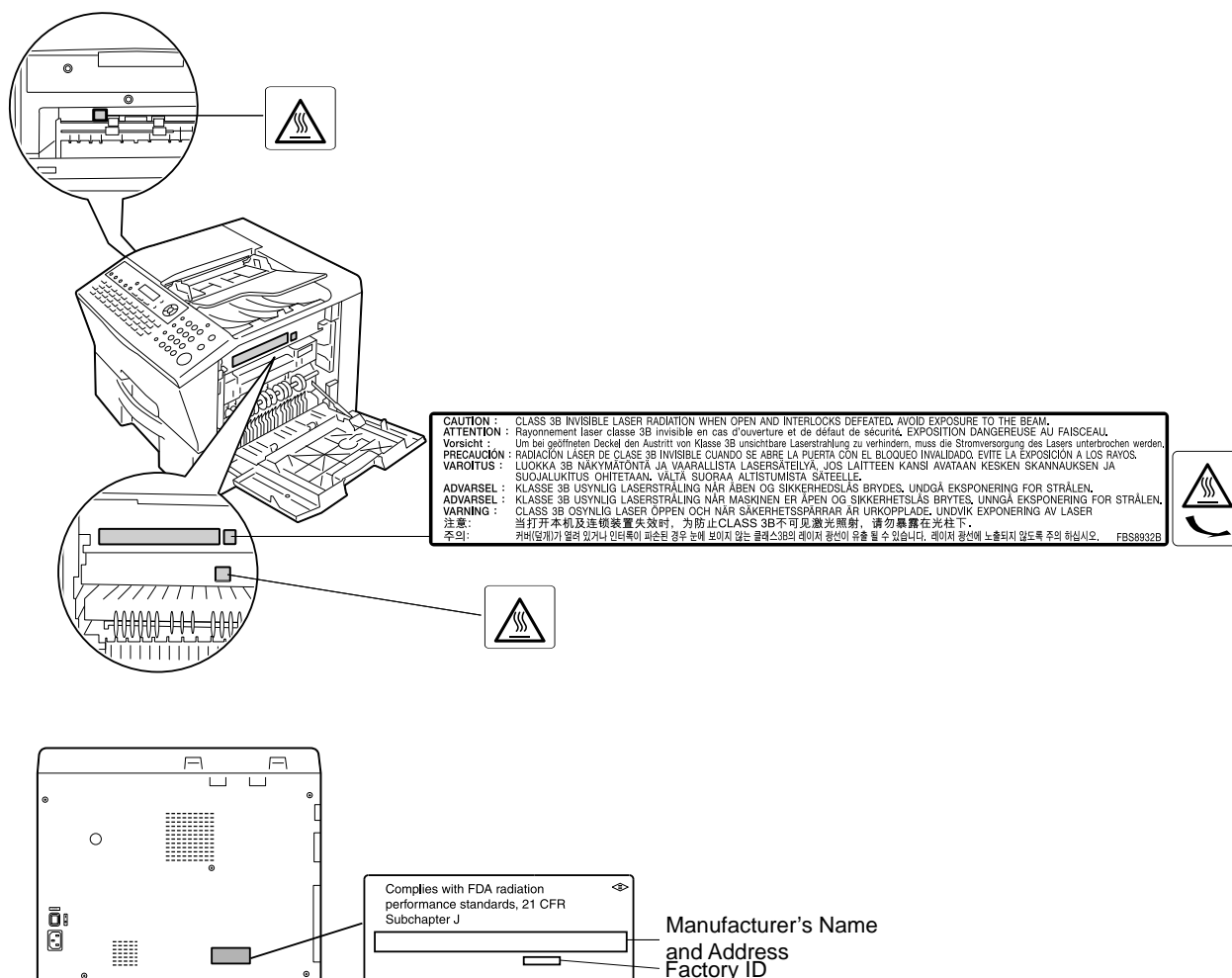
This machine employs a laser. Only qualified service personnel should attempt to service this device due to possible eye injury.

### Caution

USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.



## ■Caution Label



## Precaution

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# CAUTION

Denotes hazards that could result in minor injury or damage to the machine.

- TO REDUCE THE RISK OF SHOCK OR FIRE, USE ONLY NO. 26 AWG OR LARGER TELEPHONE LINE CABLE.
- DISCONNECT ALL POWER TO THE MACHINE BEFORE COVER(S) ARE REMOVED. REPLACE THE COVER(S) BEFORE THE MACHINE IS RE-ENERGIZED.



# IMPORTANT SAFETY INSTRUCTION

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- DO NOT USE THIS PRODUCT NEAR WATER, FOR EXAMPLE, NEAR A BATH TUB, WASH BOWL, KITCHEN SINK OR LAUNDRY TUB, IN A WET BASEMENT OR NEAR A SWIMMING POOL.
- AVOID USING A TELEPHONE (OTHER THAN A CORDLESS TYPE) DURING AN ELECTRICAL STORM. THERE MAY BE A REMOTE RISK OF ELECTRIC SHOCK FROM LIGHTNING.
- DO NOT USE THE TELEPHONE TO REPORT A GAS LEAK IN THE VICINITY OF THE LEAK.

SAVE THESE INSTRUCTIONS.



As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

This voluntary program specifies certain energy consumption and usage standards. This product will automatically "power down" after a specified period of non-use. The use of this ENERGY STAR® compliant product will reduce energy consumption and ultimately benefit the environment.

The default functions can be adjusted depending on your office requirements. Please ask your Authorized Panasonic dealer for more details.



# Security Suggestions for Key Operators

To keep your machine's highly-sensitive document data secure, the designated Key Operators are instructed to perform the recommended security measures described below for the initial machine installation, network connection, network configuration, setup of security functions, and replacement and disposal of the machine.

1. Key Operators are required to verify the identity of the manufacturer's service technician, or of an affiliated company's staff, or marketing company, by requesting their ID Card.

Do not give the device information by phone or Email.

2. Always connect through a Firewall when installing your device on a network that is connected to the Internet. When connecting this device to a client PC or a server, we recommend configuring your network environment with a switching hub to prevent your device from being wiretapped.

3. A Key Operator ID Code is essential to maintaining the security of the device. Key Operators are required to change the ID Code from the initial setting, and keep the ID Code confidential and in a safe place. To change the initial Key Operator ID Code, refer to the Operating Instructions (For Advanced Operations) on the provided

CD-ROM and set up by pressing **Function** **7** **1**  
**Set** and selecting [KEY OPERATOR ID CODE].

4. To prevent illicit use by unauthorized personnel, perform the following for ID/password settings.

1) Use the maximum number of digits.

2) Use a variety of the accepted character types.

3) Change the ID and password periodically.

Make sure that the setting screen can only be seen by the Key Operator when setting/changing various ID and passwords. Keep this information confidential.

5. The documents stored in the machine should be printed immediately. Upon printing, the document data is deleted, thus preventing unauthorized re-printing by a third party.

6. When finished, be sure to press the Stop Key and return to the standby screen. Also, do not reset Auto Reset Time settings.

7. When disposing of SD cards, destroy the card or use wiping software to completely delete the data. Data on SD cards are your responsibility. To delete data on SD cards, contact your local Panasonic Authorized Dealer.

8. Scanned (text and images), received and set/registered information (addresses) are your responsibility. If the device malfunctions and the data are deleted, it cannot be recovered and is not covered in the warranty.

9. Incorrect settings may leak settings or impede use of this device. Check the details carefully when performing settings.

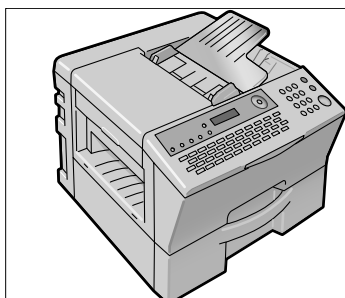
10. On occasion, the clock may need adjustment.  
(lunar inequality:  $\pm 1$  minute)

\*The security settings on this equipment are restricted and require the input of an 8-digit Key Operator ID Code to set, or change them. The initial ID Code setting is 00000000 (8-digit). The ID Code can be set arbitrarily.

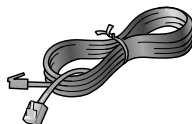
The Key Operator plays a critical part in maintaining and controlling the security of the device and in prevention of its unauthorized access, therefore, it is of utmost importance that you understand the content described in the Operating Instructions and that you follow the suggestions herein.

# Main Unit and Accessories

Unpack the carton and check that you have all the illustrated accessories.



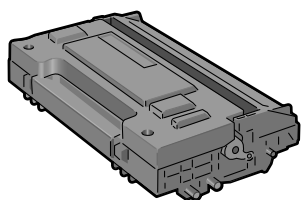
Machine



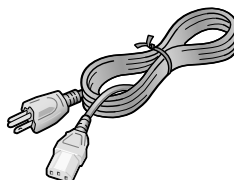
Telephone Line Cable



Operating Instructions



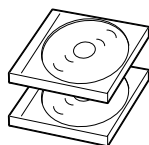
Toner Cartridge



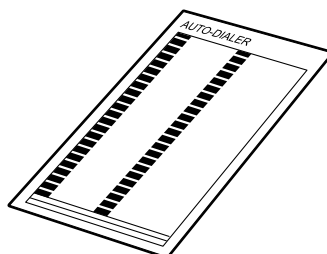
Power Cord



Recording Paper Tray

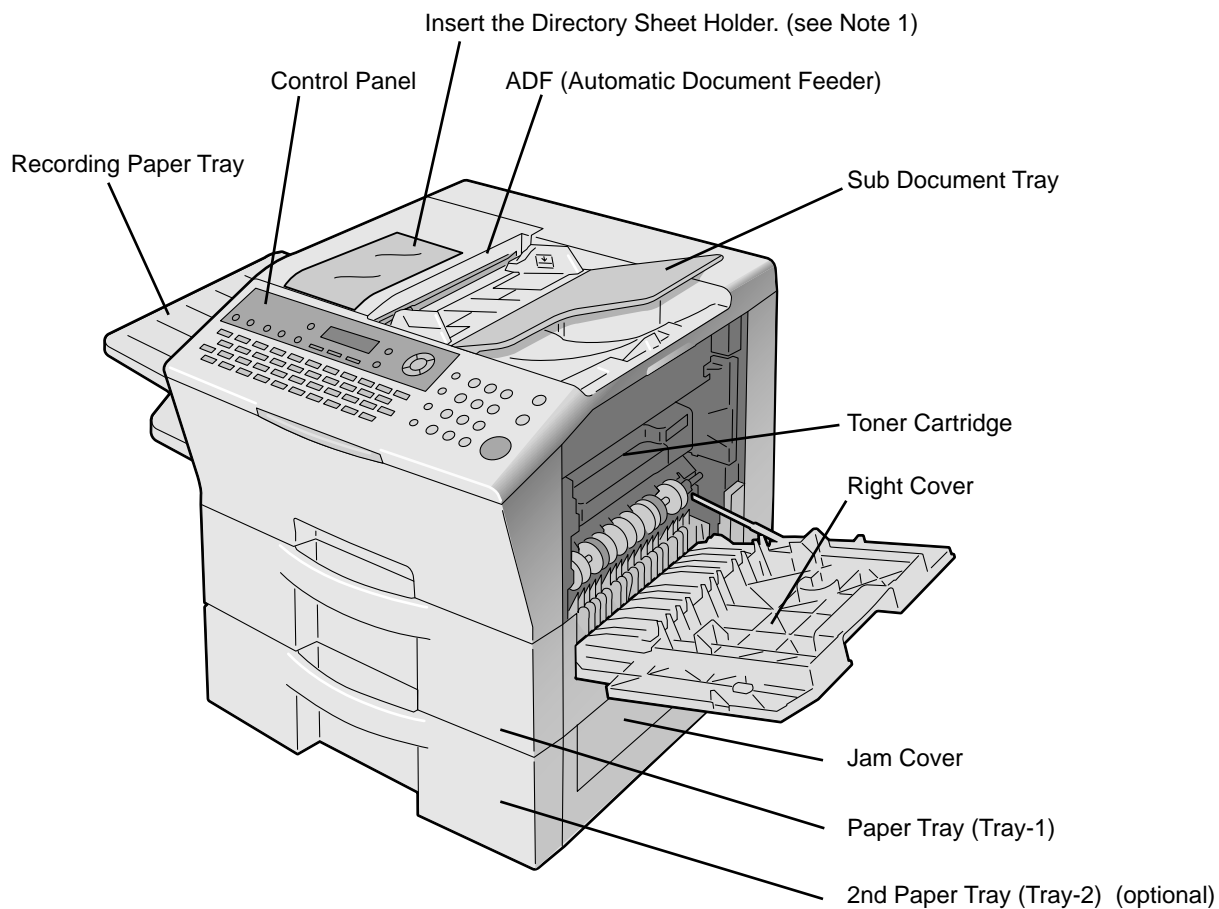


CD-ROM



Directory Sheet Holder

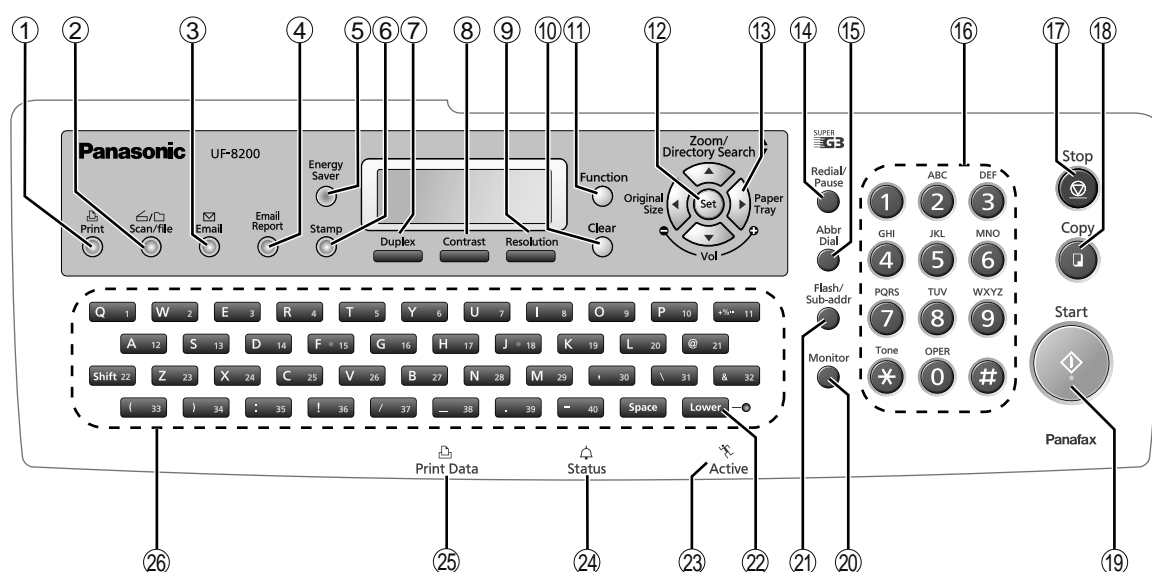
# External View






























## NOTE

1. For more details, refer to the *Printing the Directory Sheet in the Operating Instructions (For Advanced Operations)* of provided booklet.

# Control Panel



No.	Icon	Contents	No.	Icon	Contents
①		<b>■ Print Key</b> Used for Printer function.	②		<b>■ Scan/file Key</b> Used for optional Network Scanner Function. (UF-7200: Available if the optional Internet Fax/Email/Network Scanner Module (UE-404093) is installed.)
③		<b>■ Email Key</b> Used to select the EMAIL mode. (UF-7200: Available if the optional Internet Fax/Email/Network Scanner Module (UE-404093) is installed.)	④		<b>■ Email Report Key</b> Used to send the transmission result notification by Email. (UF-8200 only)
⑤		<b>■ Energy Saver Key</b> Used to switch the machine to energy saving mode.	⑥		<b>■ Stamp Key</b> Used to turn the verification stamp ON or OFF. Lights when the verification stamp is set to ON. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM)
⑦		<b>■ Duplex Key</b> Used to scan the document(s) on both sides of the paper.	⑧		<b>■ Contrast Key</b> To adjust the Exposure manually. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM)
⑨		<b>■ Resolution Key</b> Used to set STANDARD, FINE, S-FINE, 600 dpi or HALFTONE (FINE, S-FINE, 600 dpi). (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM)	⑩		<b>■ Clear Key</b> Clears the number or character on the LCD display. Go back to the previous LCD screen and function as Back Space key.
⑪		<b>■ Function Key</b> Used to start or select the function and subfunctions.	⑫		<b>■ Set Key</b> Used to set operations.

No.	Icon	Contents	No.	Icon	Contents
⑬		<b>■Cursor Keys</b> <ul style="list-style-type: none"> <li>Adjust the Monitor and Ringer volume.</li> <li>Move the cursor while entering numbers and characters.</li> <li>Search the station name for Quick Name Search and Directory Search Dialing.</li> <li>Confirm the entered station for multi-station communication.</li> <li>Select functions.</li> <li>Confirm the current communication modes (Ex: Page Number, ID, Dialed Telephone Number or Email Address, File Number) when the machine is ON LINE.</li> </ul> <p>   To select the zoom (Copy) ratio, etc.    Use to select original size, etc.         </p> <b>■Original Size Key</b> Used to select the original size manually.			
⑭	<b>Redial/ Pause</b> 	<b>■Redial/Pause Key</b> Used to enter a pause when programming or dialing a telephone number, or to redial the last dialed number. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM)	⑮	<b>Abbr Dial</b> 	<b>■Abbr Dial Key</b> Used to start ABBR. Dialing. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM)
⑯		<b>■Number Pad</b> Used for manual dialing, recording phone numbers, and numerical entries.	⑰	<b>Stop</b> 	<b>■Stop Key</b> Press to abort the current operation and reset selected mode(s) (Email/ Copy/Scanner Functions) and return to the Facsimile Function.
⑱	<b>Copy</b> 	<b>■Copy Key</b> Used for Copy function.	⑲	<b>Start</b> 	<b>■Start Key</b> Press this key to start activation.
⑳	<b>Monitor</b> 	<b>■Monitor Key</b> Used to start On-Hook Dialing.	㉑	<b>Flash/ Sub-addr</b> 	<b>■Flash/Sub-addr Key</b> Used to enter the Sub-Address or to access some features of your PBX.
㉒	<b>Lower</b> —● 	<b>■Lower Key</b> Used to switch either upper or lower row of the One-Touch Key. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM)	㉓		<b>■Active LED (GREEN)</b> <b>Flashes:</b> When machine is active. <b>Lights:</b> When the received fax message is in memory.

# Control Panel

No.	Icon	Contents	No.	Icon	Contents
24		<p><b>■ Status LED (RED)</b> Lights/Flashes when trouble occurs.</p> <p><b>Lights:</b> The machine detected a trouble status,</p> <ul style="list-style-type: none"> <li>No paper in the selected tray or toner has run out.</li> <li>Machine detected trouble, such as paper misfed or jammed.</li> </ul> <p><b>Flashes:</b> The machine detected an alarm status,</p> <ul style="list-style-type: none"> <li>No paper in the Tray. (Tray not selected)</li> <li>Toner is getting low, etc.</li> </ul>	25		<p><b>■ Print Data LED (GREEN)</b> <b>Flashes:</b> When receiving printing data.</p> <p><b>Lights:</b> While printing.</p>
26			<p><b>■ QWERTY Keyboard (Character Keyboard)</b></p> <ul style="list-style-type: none"> <li>Used to input the characters.</li> <li>Used for One-Touch Keys.</li> </ul> <p>Used to enter a symbol for the LOGO, Character ID, Station Name and for the Email Address. Use  or  to select the desired symbol(s).</p>		

LCD Display (Copy Function)

a

b

c

d

LTR

→

LTR

⌂

[

LTR

]

ZOOM: 100%

COPIES: 001

e

f

a

b

c

d

e

f

Original Size

Copy Size

Scanned data will be rotated.

Paper Size in Paper Tray

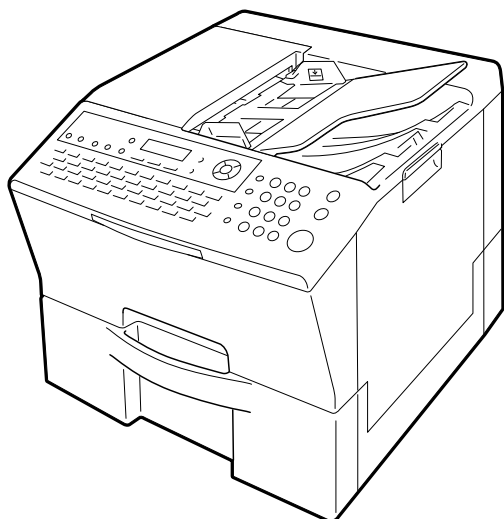
Zoom Ratio

Number of Copies

Select the zoom (Copy) ratio with the Cursor Keys ( / ).

# Unpacking

## Installing Your Machine



To set up your machine, follow the instructions on the page provided for each section.

### ATTENTION

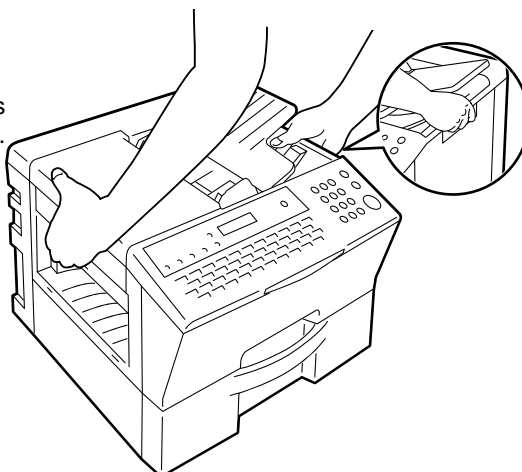
- Do not plug the main unit's AC Power Cord until instructed to do so.

### Important

1. Unpack the carton and visually check the condition of the machine and make sure no missing accessories or any shipping damage before installation. (See page 14)
2. Remove all Shipping Tapes and all Packing Materials. (See page 20)
3. Load Paper. (See page 21)
4. Install the Toner Cartridge. (See page 23)
5. Connect all Cables and plug the Power Cord. (See page 25)

### Note:

When lifting the Main Unit, grasp by both cavity handles as illustrated (Right and Left Side). Do not lift the machine by the Paper Tray as it may cause damage and/or bodily injury.

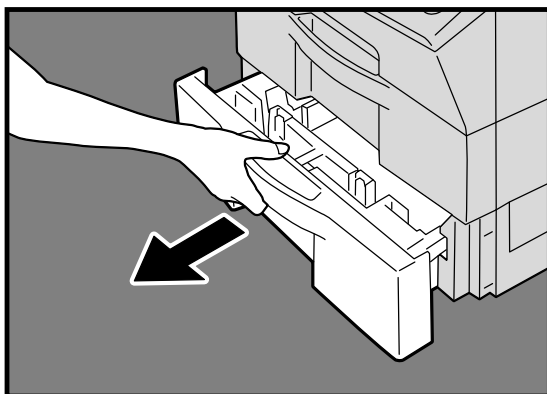


**Note:** When moving the machine, do not lift the machine by grasping parts other than those specified herein. Doing so can cause injury.

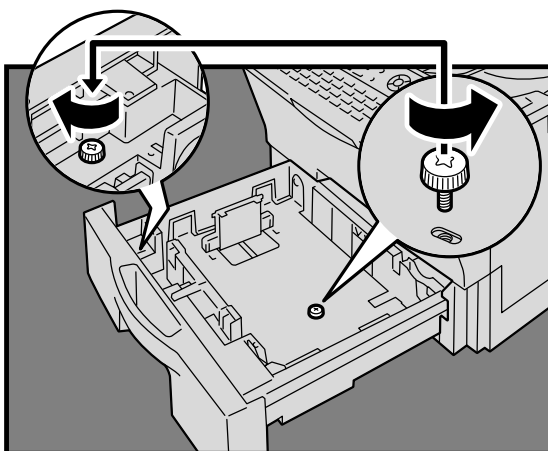
### Remove All Shipping Tapes and All Packing Materials

- 1** Remove all shipping tapes and all packing materials.

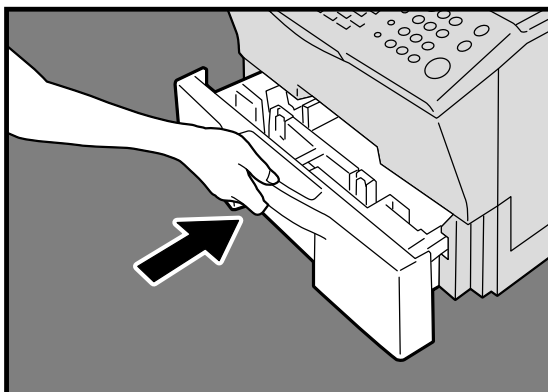
- 2** Pull out the tray until it stops.



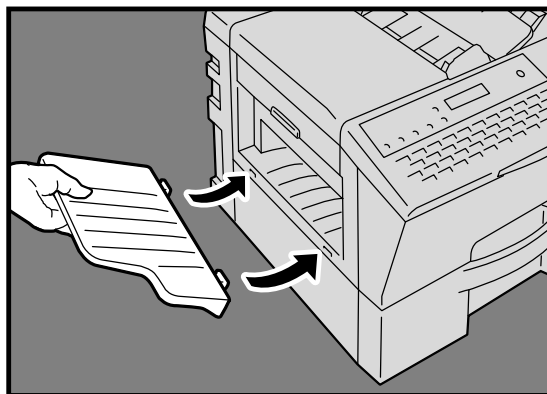
- 3** Remove the screw, and fix the screw on the tray as illustrated below.



- 4** Insert the tray into the machine until it stops.



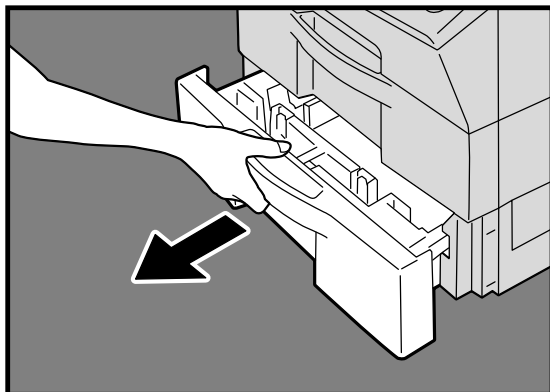
- 5** Install the Recording Paper Tray.



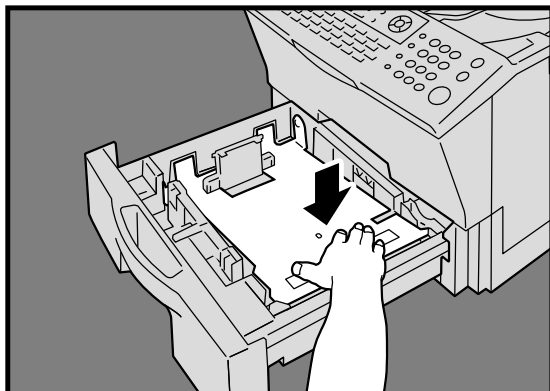


## Load Paper

- 1** Pull out the tray until it stops.



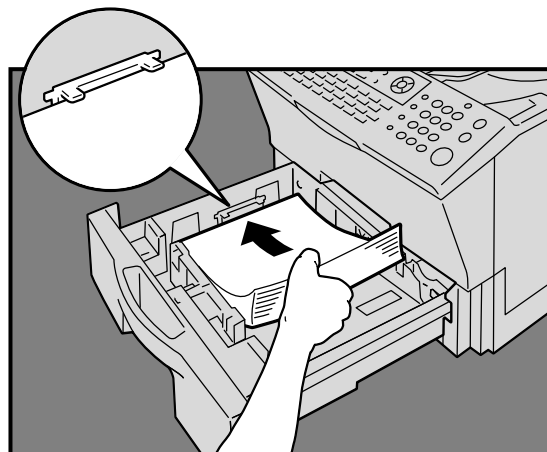
- 2** Push down the bottom plate of the tray until it stops.



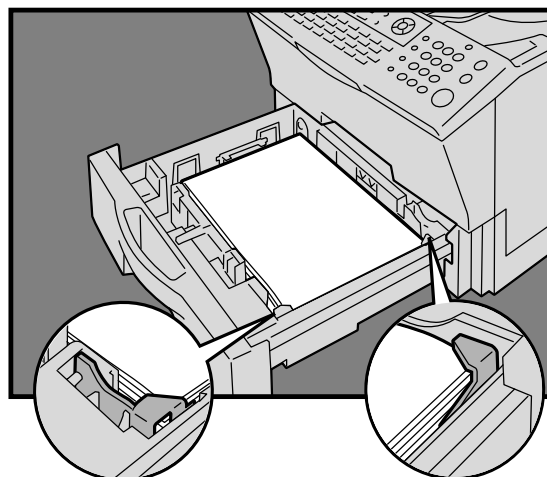
- 3** Load the paper under the claw on the left as illustrated below.

### For Tray-1/Tray2

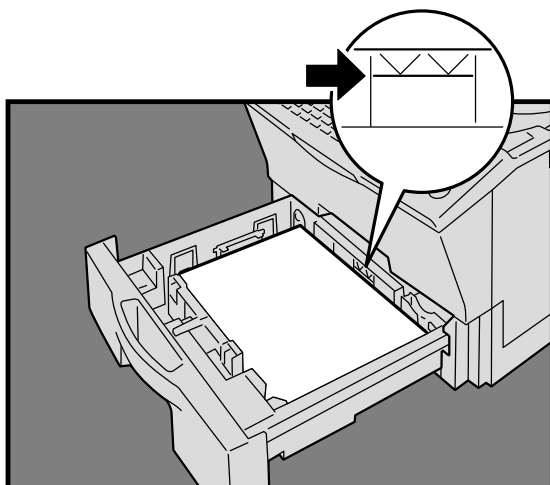
Load Paper : Printing Side Down  
Paper Weight : 16 - 24 lb.  
Paper Capacity : 550 Sheets (20 lb.)  
Default Paper Size : Letter



- 4** Make sure that the paper in the tray inserting a corner of it under the metal clips at the corners of the tray.

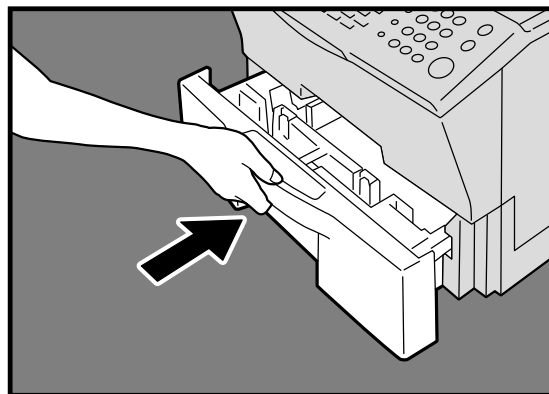


- 5** Make sure that the paper is set properly and it does not exceed the Max. Level Indicator.



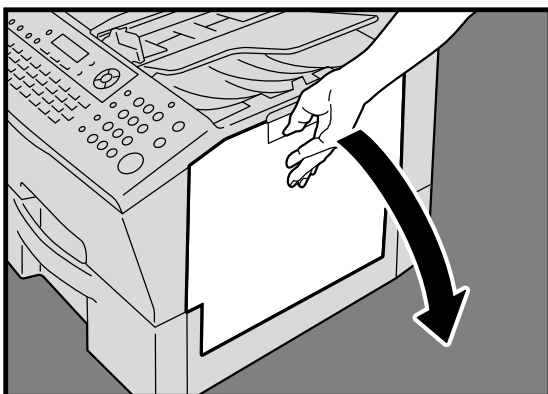
- 6** When changing the paper size, refer to Changing the Paper Size in the Operating Instructions (For Advanced Operations) on the provided CD-ROM.

- 7** Insert the tray into the machine until it stops.



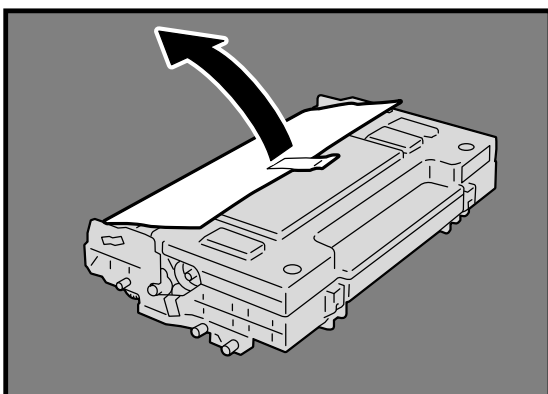
## Install the Toner Cartridge

- 1** Open the Right Cover of the machine.



- 2** Remove the Protective Sheet from the Toner Cartridge.

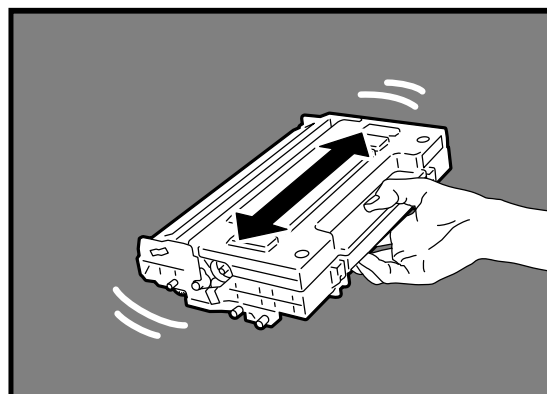
**Caution:** Be careful not to scratch the surface of the OPC Drum, and not to touch it with bare hands. The OPC Drum is sensitive to light. To prevent optical exposure problems, do not expose the OPC Drum to direct sunlight or bright light.



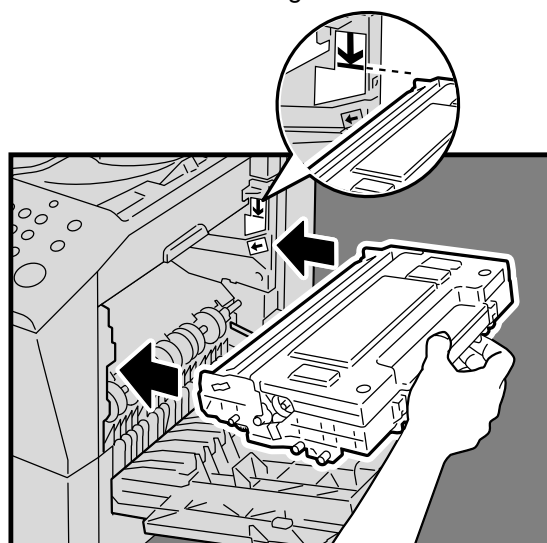
- 3** Rock the Toner Cartridge back and forth as shown 10 to 15 times to spread the toner evenly inside the Toner Cartridge.

### ATTENTION

- Shake the Toner cartridge, as toner may accumulate on one side during transportation.
- For optimum copy quality, use the recommended Panasonic Toner Cartridge. Store Toner Cartridge in a cool dark place. Do not remove the protective cover unless you are ready to use it.



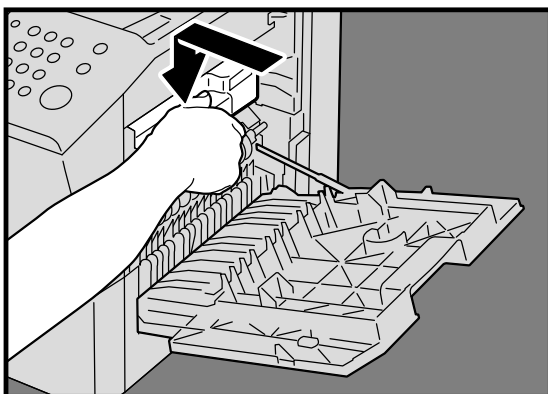
- 4** Align the top of the Toner Cartridge with the line under the arrow as illustrated below, and insert the Toner Cartridge into the machine.



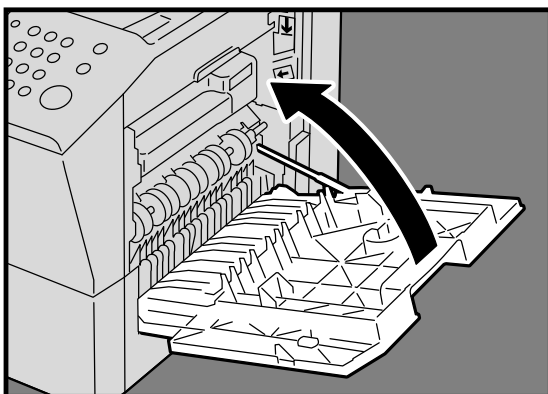
- 5** Insert the Toner Cartridge until it stops, and then push it down.

### ATTENTION

- The Right Cover will not close if the Toner Cartridge is not pushed down adequately.



- 6** Close the Right Cover.



# Installing Your Machine

## Optional Telephone Handset Jack or External Telephone Jack

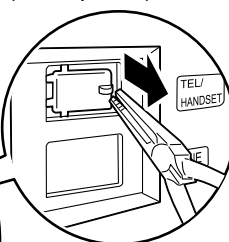
Connect the Telephone Line Cable from the  
Optional Handset Kit into the HANDSET  
jack on the back of the machine.

or

You can connect an additional standard  
single line telephone to the machine.  
To connect a telephone,  
remove the protective tab on the TEL jack.

## Optional 2nd Telephone Line Jack

(Optional G3 Communication Port Kit  
(UE-407029) is required.)



## Telephone Line Jack

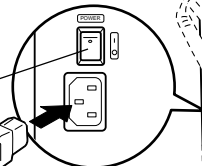
Plug one end of the Telephone  
Line Cable into the telephone  
jack supplied by the telephone  
company and the other end into  
the LINE jack on the back of  
the machine.

RJ-11C  
Telephone Jack



Handset Kit (Optional)  
(UE-403185)

(Some models may have  
the Power Switch.)



Power Cord (Included)

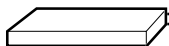


(Service use only)

## LAN Cable (10BASE-T/100BASE-TX Cable)

Insert the plug until a click is heard.  
(LAN cable is not included with the product.)  
Purchase a Category 5 Cable, compliant with  
EIA/TIA 568-A-5 standard.

10BASE-T/100BASE-TX Ethernet Hub



Ethernet LAN  
(10BASE-T/100BASE-TX  
Cable not included)

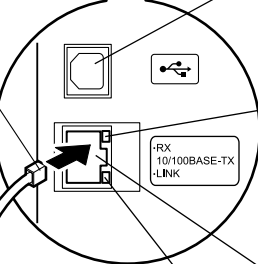
## USB Port

See Operating Instructions  
(For Document Management  
System)

## RX Lamp (orange)

Blinks when there is data  
traffic on the LAN.

## LAN Connection Jack (10BASE-T/100BASE-TX)



## LINK Lamp (green)

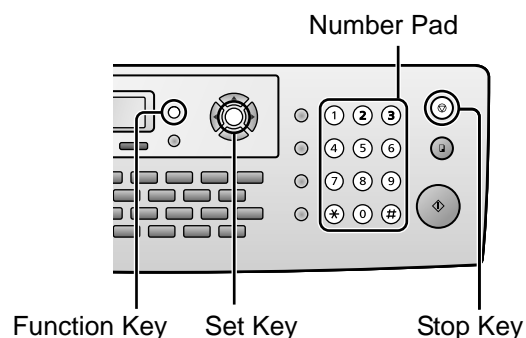
Illuminates when connected  
to the LAN.  
Lamp will not turn ON if LAN  
cable is defective (contains breaks).

## NOTE

1. Please observe the standards for USB cables. There is a danger that circuit board could be damaged by voltage difference. It is recommended that identical cable taps be used to supply power.

# Setting the Dialing Method (Tone or Pulse)

Your machine can operate with either of two dialing methods (Tone or Pulse), depending on the type of telephone line you are connected to. If you need to change the dialing method to Tone or Pulse, follow the procedure below.



**1** Function

FUNCTION (1-9)  
ENTER NO. OR v ^

**2**

KEY OPERATOR ID CODE  
ENTER ID=■

**3** Enter the Key Operator ID using the Number Pad, then press .

FAX PARAMETER(1-187)  
NO. =■

**4**

06 DIALING METHOD  
2: TONE

**5** for "PULSE"  
or  
 for "TONE"

06 DIALING METHOD  
1: PULSE

or

06 DIALING METHOD  
2: TONE

**6**

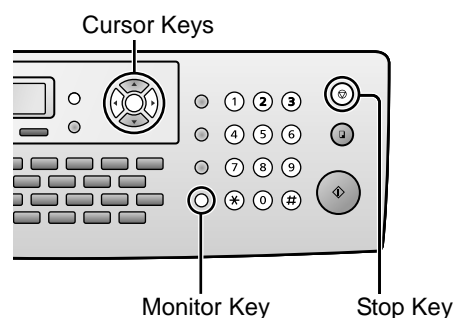
**7** To return to standby, press .

## NOTE

1. For some countries, this feature is not available depending on the country's regulation. The display may not show this feature.

# Adjusting the Volume

You can adjust the monitor, and ringer volume on your machine. The built-in speaker enables you to hear the dial tone, dialing signals, and busy tone. The ringer sounds when your machine receives a call.



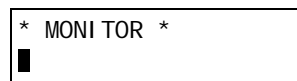
## Setting the Monitor Volume

# 1

Monitor



You will hear the dial tone through the speaker.



# 2

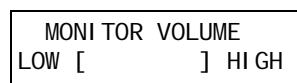
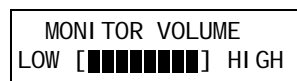


repeatedly to raise the volume.

or



repeatedly to lower the volume.



# 3

Monitor



### NOTE

1. You can also adjust the volume of the key touch tone and the volume of the buzzer in the Fax Parameter No.10 (KEY / BUZZER VOLUME). For more details, refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.


Setting the Ringer Volume

1


Standby

MMM-dd-yyyy 15:00  
00%

2

 repeatedly to lower the volume.

or


 repeatedly to raise the volume.

RINGER VOLUME  
(( 8 ))

RINGER VOLUME  
((( 8 )))

3

Stop



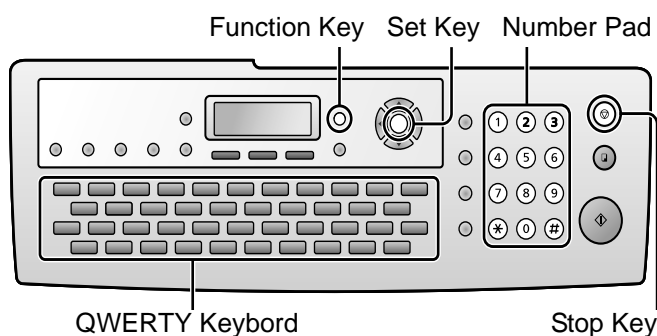
NOTE

1. You can also adjust the volume of the key touch tone and the volume of the buzzer in the Fax Parameter No.10 (KEY / BUZZER VOLUME). For more details, refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.



# User Parameters (For Facsimile)

Your facsimile machine has several basic settings (User Parameters) to help you keep records of the documents you send or receive. For example, the built-in clock keeps the current date and time, and your LOGO and ID Number help to identify you when sending, or receiving documents.



## Setting the User Parameters

**1**  Function


FUNCTION (1-9)  
ENTER NO. OR v ^

**2** 

1: USER PARAMETERS?  
PRESS SET TO SELECT

**3** 

KEY OPERATOR ID CODE  
ENTER ID=

**4** Enter the Key Operator ID using the Number Pad, then press .



DATE & TIME  
01-01-2008 00: 00

**5** Enter the new date and time using the Number Pad.


**Ex:**

Month: October  
Date : 11th  
Year : 2008  
Time : 3:00 PM

DATE & TIME  
10-11-2008 15: 00

If you make a mistake, use  or  to move the cursor over the incorrect number, then overwrite it with a correct one.

The month will be displayed in numbers on the LCD display (Ex: 10) and printed as abbreviated month names (Ex: OCT) in journals.

**6** 

LOGO  
█

### NOTE

1. The clock of your machine is equipped with D.S.T (Daylight Saving Time) system. Refer to Fax Parameter No.35 (DAY-LIGHT TIME). For more details, refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.
2. The current Date & Time must be set because it is required by the Telephone Consumer Protection Act of 1991. (For details, refer to FCC NOTICE at the end of this manual)
3. On occasion, the clock may need adjustment. (lunar inequality:  $\pm 1$  minute)




Continued on the next page...

## User Parameters (For Facsimile)

7

Enter your LOGO (up to 25 characters and numbers) by using the QWERTY Keyboard.

**Ex:** PANASONIC

If you make a mistake, use  or  to move the cursor one space beyond the incorrect character, press  then re-enter the new character.  
If more than 19 characters are entered, the left side characters will scroll off the display.

LOGO  
PANASONIC


8






CHARACTER ID  
HEAD OFFICE

9

Enter your Character ID (up to 16 characters and digits) by using the QWERTY Keyboard.

**Ex:** HEAD  OFFICE


If you make a mistake, use  or  to move the cursor one space beyond the incorrect character, press  then re-enter the new character.



10






ID NO.  
█

11

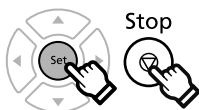
Enter your ID (up to 20 digits) by using the Number Pad, and  key to enter a space between numbers.

**Ex:** 201  555  1212

If you make a mistake, use  or  to move the cursor one space beyond the incorrect number, press  then re-enter the new number.


ID NO.  
201 555 1212

12



Stop

### NOTE

1. The special characters of Å, Ä, Ö, Ü, Æ, è, and é cannot be used for Character ID.
2. Your Company Name, or your name must be set as your LOGO because it is required by the Telephone Consumer Protection Act of 1991. (For details, refer to FCC NOTICE at the end of this manual)
3. You may use  (Tone) to enter a "+" character at the beginning of the ID number to indicate the following digit(s) for your country code.  
+1 201 555 1212 +1 for U.S.A. country code  
+81 3 111 2345 +81 for Japan country code
4. Your Fax Telephone Number must be set as your ID Number because it is required by the Telephone Consumer Protection Act of 1991. (For details, see FCC NOTICE at the end of this manual)

# Setting Your Machine

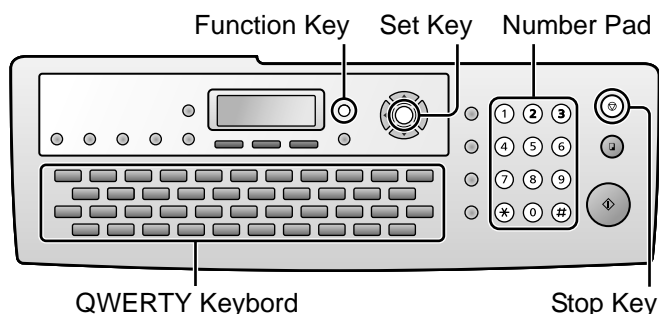
## Programming Auto Dialer

Your machine has 2 types of Auto Dialers. The default dialer can be selected by changing the setting of Fax Parameter No. 119 (QWERTY KEYBOARD).

When the setting is set to:

"1: One-Touch" : You can manually select the desired One-Touch Key, ABBR Dialing and the Program Key

"2: Quick Name Search" : You can select the station by searching the Station Name, and the Program Name



1



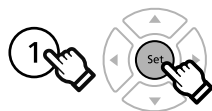
FUNCTION (1-9)  
ENTER NO. OR v ^

2



ADDRESS BOOK (1-3)  
ENTER NO. OR v ^

3



ADD STATION  
ENTER TEL. NO.

4

Enter the Telephone Number using the Number Pad (up to 36 digits), then press **Set**.

ENTER NAME  
3961111234

5

Enter Station Name using the QWERTY keyboard (up to 15 characters), then press **Set**.

ADD STATION  
ENTER TEL. NO.

6

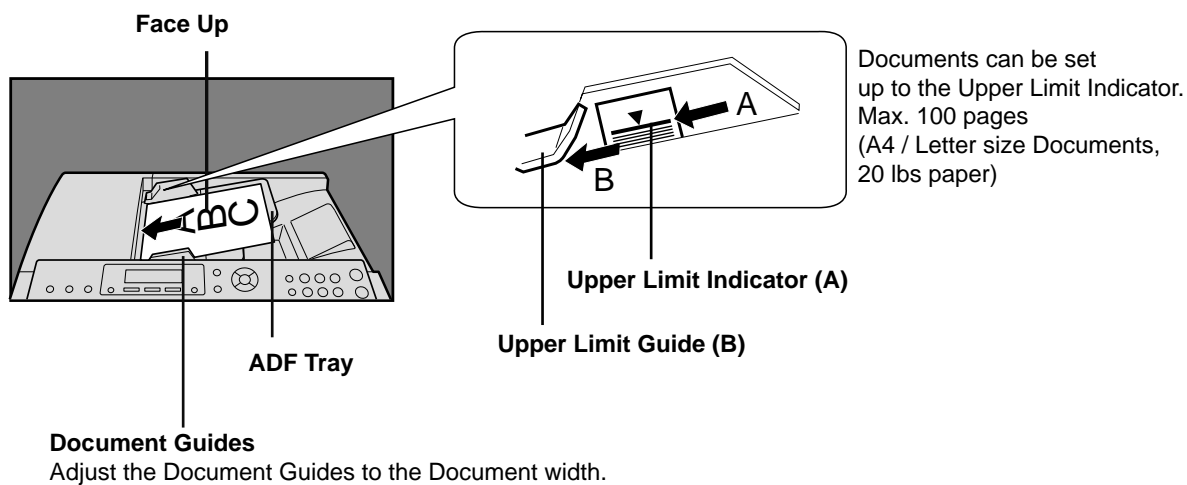
To program another station, repeat from Step 4 to 5. (See Note 3)  
To return to standby, press **Stop**.

### NOTE

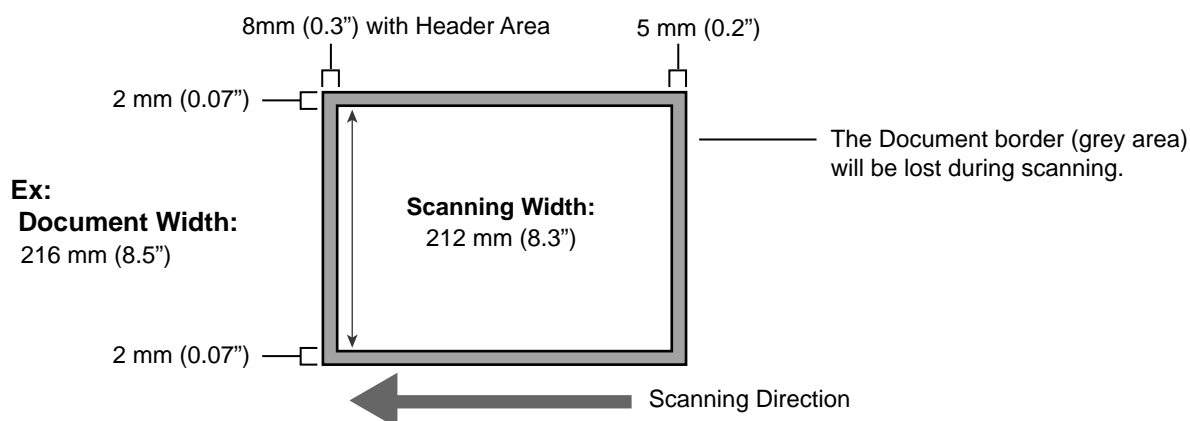
- If you are using Pulse dialing and you wish to change to Tone dialing in the middle of dialing, press **\*** (Tone) (represented by a "/"). The dialing method will be changed from pulse to Tone after dialing the digit "/".
- When using Address Book Dialing, you cannot use ABBR. Number Dialing.
- When Fax Parameter No. 119 (QWERTY KEYBOARD) is set to: "2: Quick Name Search":  
Up to 580 stations (plus additional 420 stations with the optional SD Memory Card installed) can be programmed in the Address Book.  
When Fax Parameter No. 119 (QWERTY KEYBOARD) is set to: "1: One-Touch":  
Up to 80 stations (including the Program Keys) can be programmed as One-Touch Dialing Numbers.  
Up to 500 stations (plus additional 420 stations with the optional SD Memory Card installed) can be programmed as ABBR. Dialing Numbers.

# Placing Documents (Facsimile/Internet Fax)

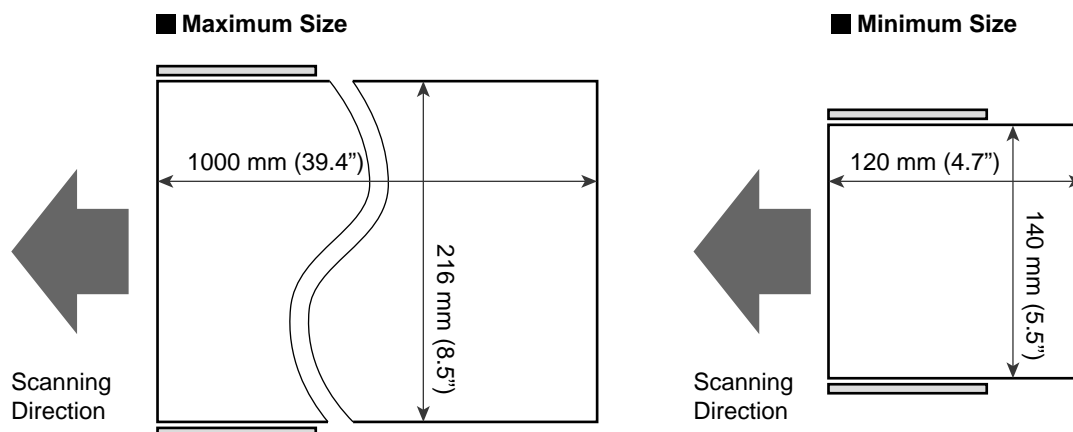
## How to Place Documents



## Scanning Area



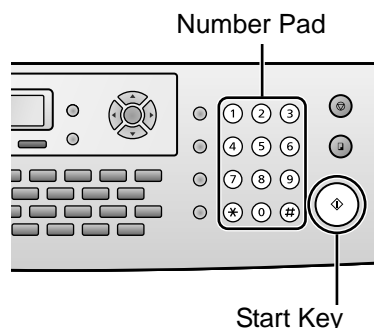
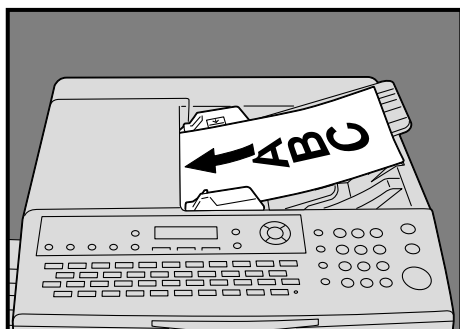
## Document Size



# Sending Documents

## Manual Number Dialing

Documents can be transmitted by dialing the Telephone Number manually.



1



Set document(s) face up.

ENTER STATION(S)  
THEN PRESS START 00%

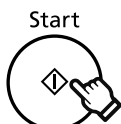
2

Enter the Telephone Number using the Number Pad (up to 36 digits).  
You can also designate more than one destination.

**Ex:** 5551234

TEL. NO.  
☎5551234■

3



The document(s) is stored into memory with a file number.

Then starts dialing the telephone number immediately after storing the first page. (See Note 1)

The remaining page(s) continue to store into memory.

\* STORE \* NO. 002  
PAGES=001 05%

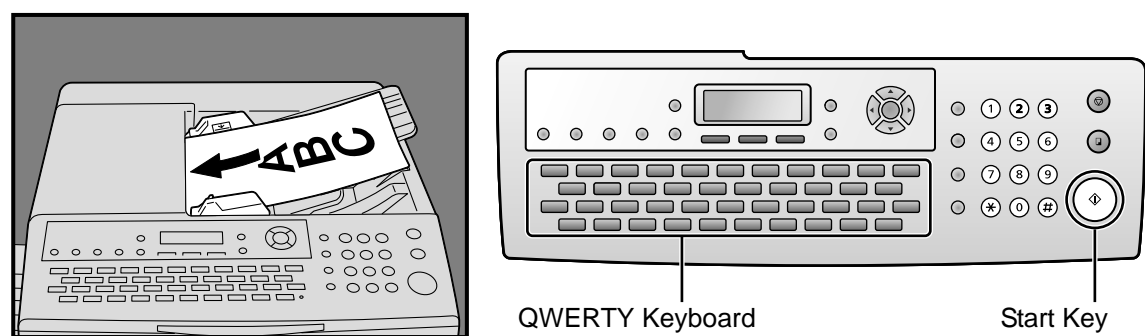
\* DIALING \* NO. 002  
5551234

### NOTE

1. You can use Quick Name Search Dialing, One-Touch / ABBR. Dialing and Directory Search Dialing. For more details, refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.

Quick Name Search Dialing

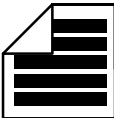
Quick Name Search function works with the machine's Auto-dialer only. Simply by pressing the first letter of your searching name repeatedly, the names beginning with that letter appear one by one in the LCD display. This may be much easier and quicker to find your searching station than using One-Touch/ABBR. Auto-dialer. This also works to find the programmed communications such as Group Dialing, Differed Transmission and so on by name.



ATTENTION

- Stations need to be registered in the Address Book in advance. For details, refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.

1




Set document(s) face up.

2

Enter the first letter of the name you wish to search repeatedly until it is shown on the LCD display.

Ex: PANASONIC



ENTER STATION(S)  
THEN PRESS START 00%

PANA  
☎4567

↓

PANASONI C  
☎7890



3

Press Start to store document(s) into the memory.

\* STORE \*      NO. 001  
PAGES=001    01%

\* DI ALI NG \*    NO. 002  
5551234

NOTE

- If your machine sounds an alarm (pi-pi-pi) in Step 2 above, this indicates that the Dialer is Full. (More than 50 transmission job reservations have been already reserved)
- You can search for another name starting with the same character by scrolling with the Cursor Keys (  /  ).

34

# What is Internet Fax?

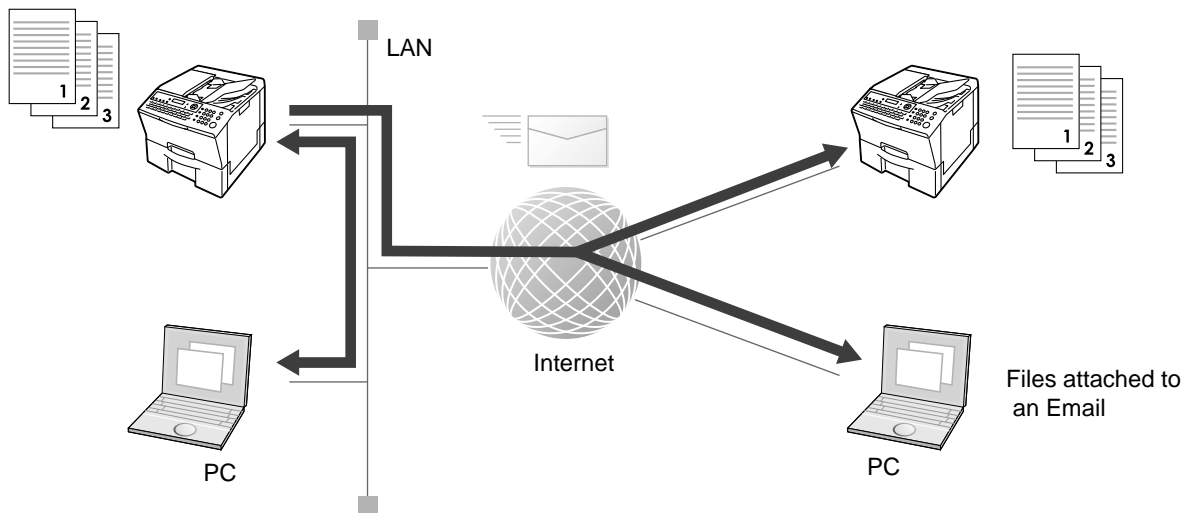
It is a feature whereby scanned documents are transmitted to Internet Fax or to computers as Email.

Internet Fax communicates via an Intranet or the Internet without using the telephone line.

This machine can be connected to 10Base-T/100Base-TX Ethernet LAN (local area network).

A regular Fax machine goes off-hook, dials, and the phone network completes a circuit over phone lines to the receiving fax. You pay for the circuit. The two faxes negotiate a connection, synchronize and exchange image data.

The Internet Fax works like an Email, the image data is broken down into packets and transmitted through your Local Area Network (LAN) to the Internet or Intranet instead of using a telephone company's network, thus saving you long distance costs.



## ■ Sending Email

Scanned documents can be transmitted to an Internet Fax or a remote computer as files attached to an Email.

## ■ Receiving Email

When Email is received from an Internet Fax or a computer, the Email message is printed automatically with the image of the attached file.

## ■ Routing

You can forward fax documents or Email to an Internet Fax or a networked computer.

## ■ Transmitting to Fax via a Relay Station (Relay Transmission)

Email can be transmitted as fax documents via a relay station. Email can also be broadcasted.

### Using the Internet Fax Feature

To use the Internet Fax feature, a network cable must be connected to the machine, and the network environment must be properly configured in Function Parameters.

For setup instructions, refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.

For the total system to work properly via the LAN, certain information and additional parameters must be set. Please contact your network administrator for the required information and connection to the LAN.

**Important:** Make a copy of this page and ask the Network Administrator to complete the required information. After its returned, transfer the information to the back side of the front cover for future reference and troubleshooting.

#### ATTENTION

- Items in bold, depict information obtained from your Network Administrator.

User Information	
Company Name	
Address	
Dept.	
City	
Tel.No.	Fax No.

Internet Paramaters (User Parameters)		
(1) IP Address:		
(2) Subnet Mask:		
(3) Default Gateway IP Address:		
(4) Primary DNS IP Address:		
(5) Secondary DNS IP Address:		
(6) Email Address:		
(7) SMTP Server Name:	or	SMTP Server IP Address:
(8) SMTP Auth Name:		
(9) SMTP Auth Password:		
(10) POP Server Name:	or	POP Server IP Address:
(11) POP User Name:		
(12) POP Password:		
(13) LDAP Server Name:	or	LDAP Server IP Address:
(14) LDAP Login Name:		
(15) LDAP Password:		
(16) LDAP Search Base:		
(17) Host Name/Domain Name:		
(18) Default Subject:		
(19) Default Domain:		
(20) Selectable Domains:		
1.	6.	
2.	7.	
3.	8.	
4.	9.	
5.	10.	



Internet Paramaters (User Parameters)	
(21) Remote Password:	
(22) Relay XMT Password:	
(23) Manager's Email Address:	
(24) Relay Domains (Domains Authorized Relay Transmission):	
1.	6.
2.	7.
3.	8.
4.	9.
5.	10.

Internet Paramaters (User Parameters for IPv6 environment )	
(25) IPv6 Address:	
(26) IPv6 Default Router:	
(27) IPv6 Primary DNS IP Address:	
(28) IPv6 Secondary DNS IP Address:	

### NOTE

1. To function as an SMTP Mail Server, your machine's Email Address must include its unique Host Name within your company domain. This unique Host Name must be registered within your network's DNS (Domain Name System) Server.  
**Ex:** Internet\_Fax@fax01.panasonic.com
2. Automatically refers to immediate SMTP transfer or immediate POP3 retrieval. Manually refers to manual retrieval of mail when configured as a POP3 Client.
3. If you are using DHCP to acquire the network parameters, contact your Network Administrator to reserve the obtained IP Address printed on the Fax Parameter List.
4. Your machine will receive, print, forward or relay Emails in text message format and TIFF-F image file attachment only.

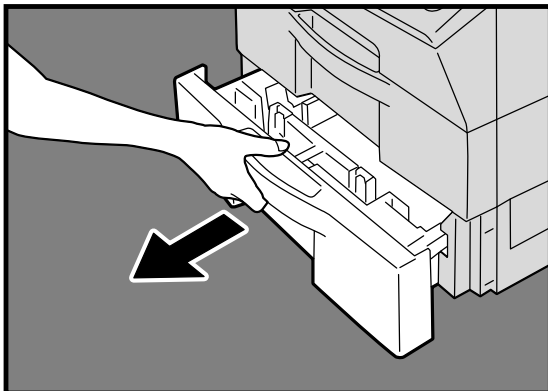
# Replacing Consumables

## Adding Paper (Paper Trays: Tray-1 and Tray-2)

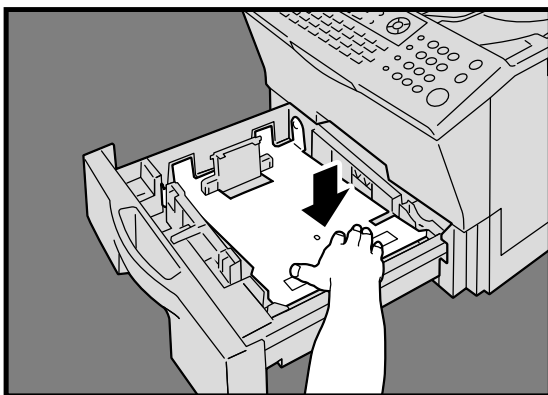
### ATTENTION

- When "ADD PAPER" message appears on the display, either Tray-1 or Tray-2 has run out of paper or is not closed firmly. Replenish the paper in the tray(s) or ensure that the tray(s) are closed.

- 1** Pull out the tray until it stops.



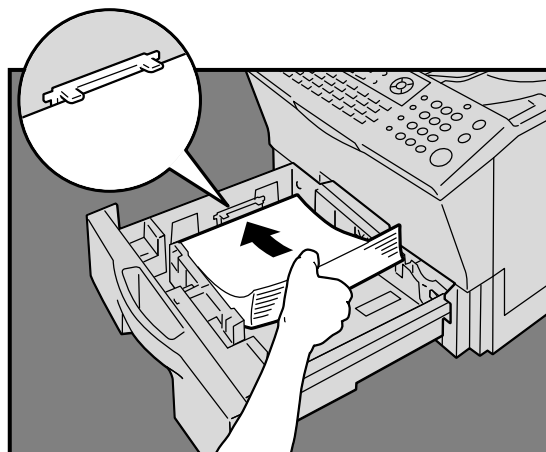
- 2** Push down the bottom plate of the tray until it stops.



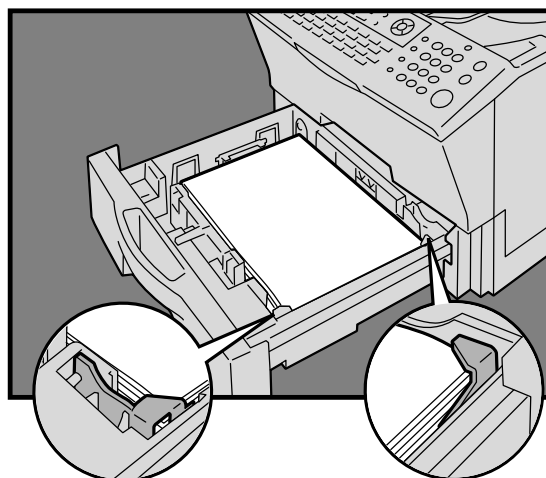
- 3** Load the paper under the claw on the left as illustrated below.

#### For Tray-1/Tray2

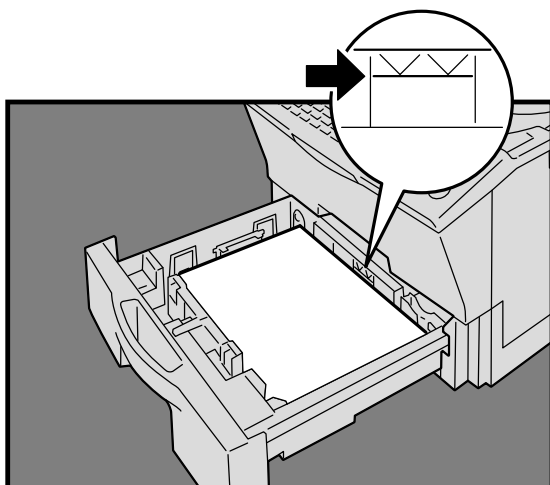
Load Paper : Printing Side Down  
Paper Weight : 16 - 24 lb.  
Paper Capacity : 550 Sheets (20 lb.)  
Default Paper Size : Letter



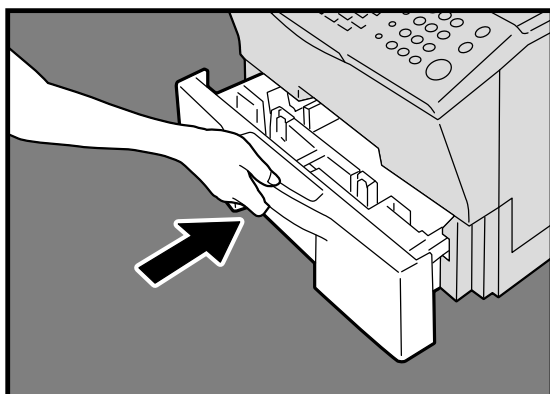
- 4** Make sure that the paper in the tray inserting a corner of it under the metal clips at the corners of the tray.



- 5** Make sure that the paper is set properly and it does not exceed the Max. Level Indicator.



- 6** Insert the tray into the machine until it stops.



## NOTE


1. When the optional Tray-2 is installed and the same size of paper is loaded in both trays, the paper will be supplied from Paper Tray-1 first. This is the default setting, if you wish to change the setting, please consult with your authorized Panasonic dealer.
2. After setting the maximum allowed number of copies for each department, consult with your Key Operator when the total copy count reaches the designated limit and the "MAX COPIES ALLOWED" message appears on the LCD.
3. If output sheets are curled, or not properly aligned, remove the paper from the paper tray, turn it over, and replace it in the paper tray.

Replacing the Toner Cartridge

- Low Toner message will follow this progression  
Order the Toner Cartridge using the Toner Cartridge Order Form.  
Replace the Toner Cartridge before the Toner runs out.

TONER IS RUNNING LOW  
U13

When ordering the Toner Cartridge, print the Order Form using the following procedures, and fax it to your authorized Panasonic dealer.

1 

FUNCTION (1-9)  
ENTER NO. OR v ^

2 

MAINTENANCE (3-6)  
ENTER NO. OR v ^

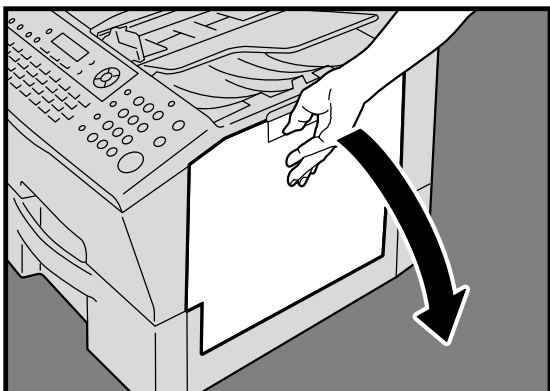
3 

3: TONER ORDER FORM?  
PRESS SET TO PRINT

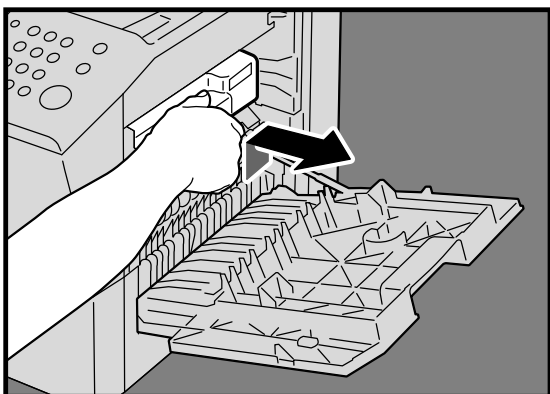
4 

## ■ Replacing the Toner Cartridge

- 1 Open the Right Cover of the machine.

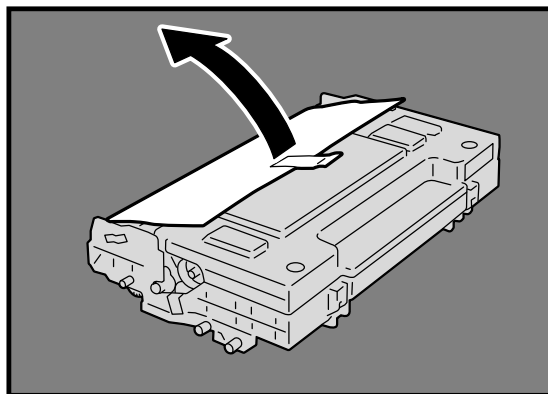


- 2 Push up the Cartridge, and then pull it out.



- 3 Remove the Protective Sheet from the Toner Cartridge.

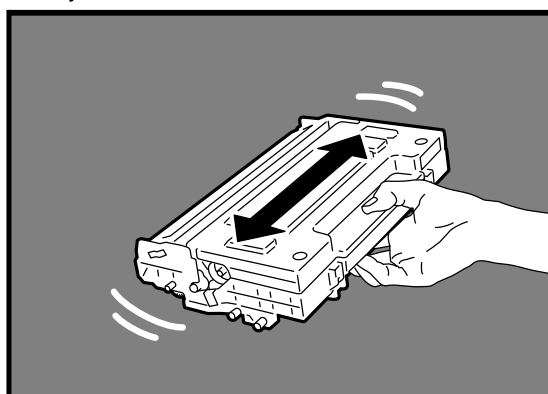
**Caution:** Be careful not to scratch the surface of the OPC Drum, and not to touch it with bare hands. The OPC Drum is sensitive to light. To prevent optical exposure problems, do not expose the OPC Drum to direct sunlight or bright light.



- 4 Rock the Toner Cartridge back and forth as shown 10 to 15 times to spread the toner evenly inside the Cartridge.

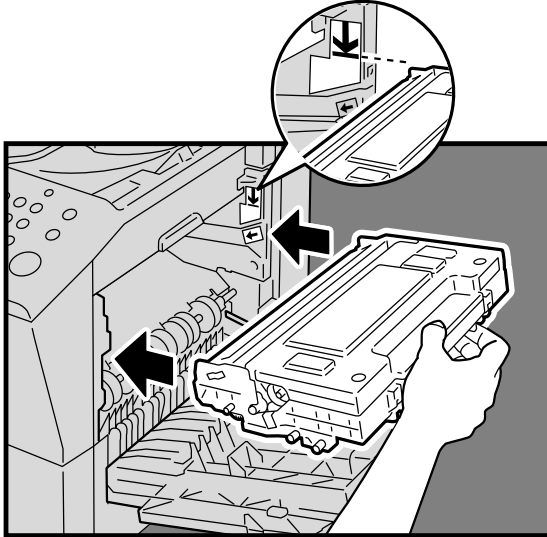
### ATTENTION

- Shake the cartridge well, as toner may accumulate on one side during transportation.
- For optimum copy quality, use the recommended Panasonic Toner Cartridge. Store Toner Cartridge in a cool dark place. Do not remove the protective cover unless you are ready to use it.



## Replacing Consumables

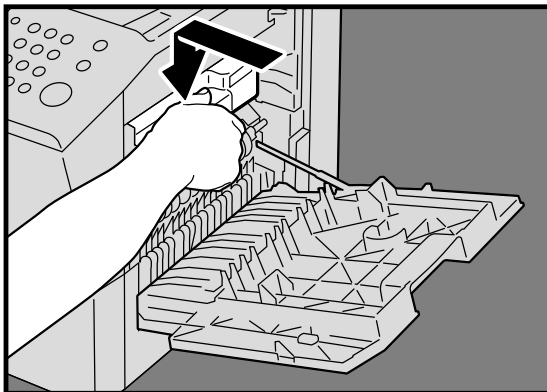
- 5** Align the top of the Toner Cartridge with the line under the arrow as illustrated below, and insert the Toner Cartridge into the machine.



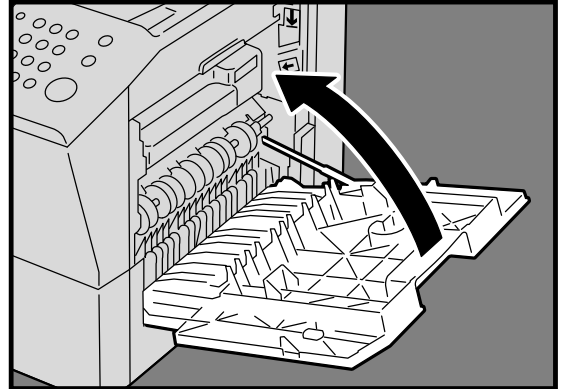
- 6** Insert the Toner Cartridge until it stops, and then push it down.

### ATTENTION

- The Right Cover will not close if the Toner Cartridge is not pushed down adequately.




- 7** Close the Right Cover.



- 8** The below message appears on the LCD when the Right Cover is closed.

NEW TONER REPLACED?  
1: YES 2: NO

- 9**  (See Note)

If "2:NO" has been selected by mistake, follow the procedures on the next page.

### NOTE

1. If "2:NO" is selected in Step 9, the image density may be inadequate and may cause Copy / Print quality issues.
2. This message is not displayed if you change the Toner Cartridge after the OUT OF TONER is displayed.

1  Function


FUNCTION (1-9)  
ENTER NO. OR v ^

2   

MAINTENANCE (3-6)  
ENTER NO. OR v ^

3  

TONER REPLACEMENT?  
1: YES 2: NO

4 

# Problem Solving

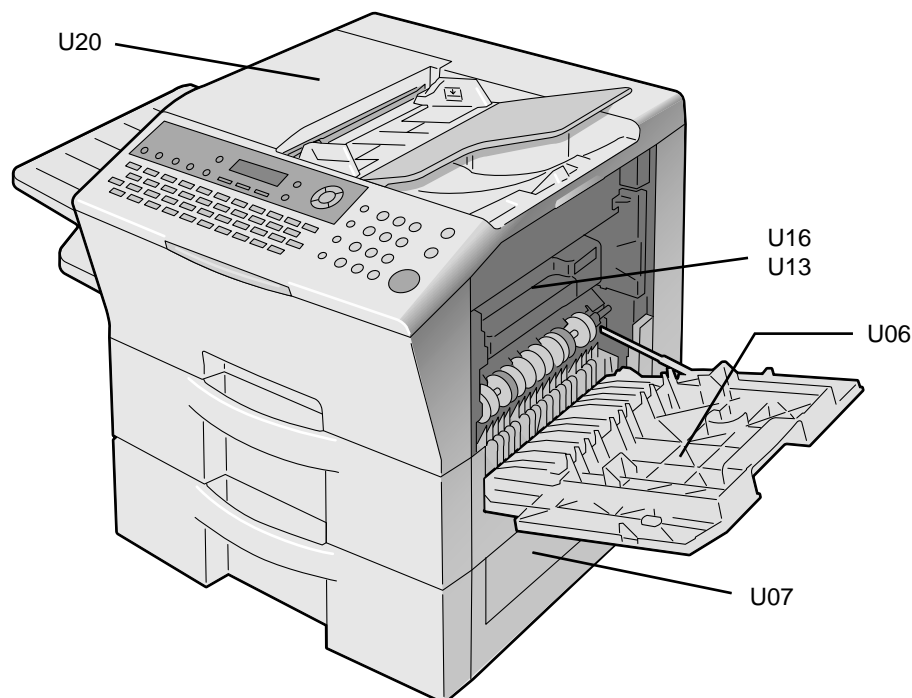
## If You Have Any of These Problems

Mode	Symptom	Cause / Action	Page
During Installation	The display is blinking	The backup capacitor is completely discharged. After setting the clock, the blinking will stop.	29
During Transmission	Document doesn't feed/multiple feed	1. Check that your document is free of staples and paper clips, and that it is not greasy or torn. 2. Check that your document is the right type to send through a fax machine. If your document has the characteristics listed, make a photocopy of your document and send the copy instead. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.) 3. Check that the document is loaded properly. 4. Adjust the ADF Pressure.	-- -- 32 --
	Document jam	The information code 031 will appear on the display if the document becomes jammed.	46
	Does not stamp	Check Fax Parameter No.04 (STAMP (HOME)) and No.28 (STAMP AT MEM. XMT) settings. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.)	--
	Stamp too light	Replace stamp. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.)	--
During Reception	Recording paper jam	The Jam Error code J01, J02, J43 or J44 will appear on the display if the paper gets jammed.	46, 47, 49, 51
	Recording paper doesn't advance into machine	Make sure that there is paper in the Paper Tray. Follow the instructions for loading paper.	21
	Recording paper doesn't eject after printing	Check to see if the recording paper is jammed inside of the machine.	46, 47, 49, 51
	Recording papers are not stacked in sequence. Machine does not print from the last page received.	1. Check if Fax Parameter No.65 (PRINT COLLATION) is set valid. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.) 2. If memory becomes full during reception, the machine will start to print from the 1st page received. We recommend that optional SD memory card is installed if this symptom occurs frequently.	-- --
	Document auto reduction doesn't work	Check Print Reduction settings. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.)	--
	Out of toner	The User Error code U13 will appear on the display if the Toner Cartridge runs out of toner.	40, 46



Mode	Symptom	Cause / Action	Page
Transmission Copy Quality	Vertical lines on the transmitted document	Check own copy quality. If copy is OK, your machine has no problem, report to the receiving party that they have a problem. If copy is NG, clean the Document Scanning Area. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.)	--
	Transmitted document is blank	1. Make sure the document is set face up. 2. Check own copy quality. If copy is OK, your machine has no problem, report to the receiving party that they have a problem. If copy is NG, clean the Document Scanning Area.	32 --
Print Copy Quality	Vertical lines printing on the received document	1. Print out a Journal report (e.g.FUNCTION, 6, 1, SET and 1) and check quality to make sure whether your machine has trouble. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.) If Journal report quality is OK, your machine has no problem, report to the sending party that they have a problem. 2. Journal report quality is NG, replace the Toner Cartridge.	-- 40
	Fuzzy print	1. Make sure you are using the correct paper for the best possible print quality. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.) 2. Try reversing the recording paper to the other side.	9 --
	Missing dots or lines/ inconsistent darkness within print	1. Make sure you are using the correct paper for the best possible print quality. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.) 2. Replace the Toner Cartridge.	9 40
	Fading print	Your Toner Cartridge may be running out of toner. Replace the Toner Cartridge.	40
	Faint print	You may need to choose a different paper for the best possible print quality. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.)	9
Communication	No dial tone	1. Check the connection of the telephone line. 2. Check the telephone line.	25
	No auto answer	1. Check the connection of the telephone line. 2. Check the Reception mode setting. 3. If the Fax Parameter No.13 (AUTO JOURNAL PRINT) is set to "2:Valid" (default setting) and the machine is printing the received document from memory, which also happens to be the 200th transaction, the machine will not auto answer until the Transaction Journal completes printing. (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM.)	25 -- --
	Cannot transmit or receive	An information code will be shown on the display. Refer to the information code table to find out the trouble.	52
No Unit Operation	No unit operation	To reset the machine, first unplug the power cord of the machine from the wall outlet. Wait for a few seconds and plug the power cord of the machine in the wall outlet again.	25

### User(U) / Jam(J) Error Codes



#### ■ User Codes (U Code)

Code	Check Points	Code	Check Points
U06	Right Cover is open.	U16	Toner Cartridge is not installed correctly.
U07	Jam Cover is open.	U20	ADF Cover is open.
U13	Low Toner or Out of Toner. (See page 40)		

#### ■ Jam Error Codes (J Code)

Code	Check Points	Code	Check Points
J01, J02	Remove the jammed paper from the tray(s). (See page 47) Check to make sure the Paper Guides are properly adjusted in the tray(s). (Refer to the Operating Instructions (For Advanced Operations) on the provided CD-ROM)	J71, J72, J74 J75, J92, J93	Remove document(s) in the ADF. (See page 51)
J43, J44	Remove misfed paper(s) inside the machine. (See page 49)		

#### NOTE

1. The J## Code indicates the most probable Jam location. If the jam message reappears after the jam is cleared, paper is most likely jammed at other location(s). Check the Jam Error Codes Table above for other check points and remove all misfed paper.
2. Make sure that the Jam Error Code disappears after removing the misfed paper.
3. The Jam Error Code will not disappear if the paper is still jammed in the machine. Check again and remove all misfed paper.
4. When the Machine Error Code (E Code) (for service personnel) appears on the display, reset the machine by first unplugging the power cord of the machine from the wall outlet. Wait for a few seconds and plug the power cord of the machine in the wall outlet again. If the E Code reappears, contact your local Panasonic Authorized Dealer.

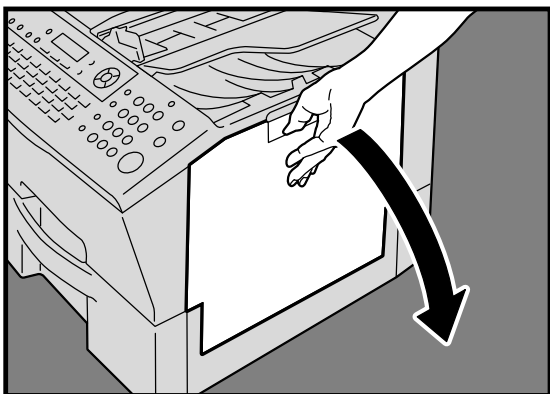
## Removing a Misfed Paper (Paper Feed/Paper Transport)

### ATTENTION

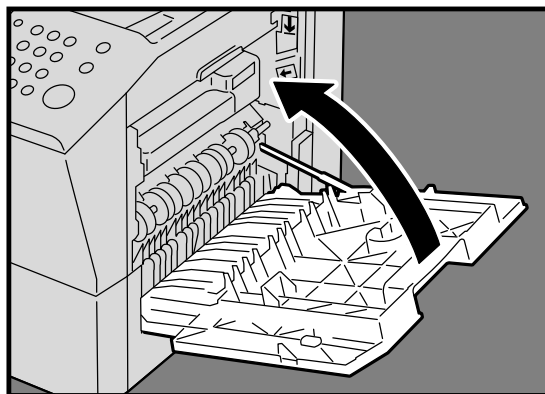
- The J## Code indicates the most probable Jam location. If the jam message reappears after the jam is cleared, paper is most likely jammed at other location(s). Check the Jam Error Codes Table on page 46 for other check points and remove all misfed paper.

#### ■ For J01, J02

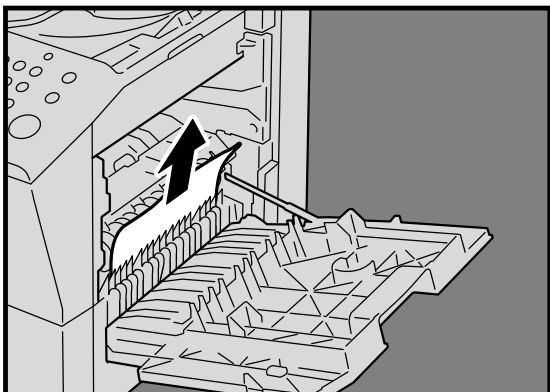
- 1** Open the Right Cover.



- 3** Close the Right Cover.



- 2** Remove the misfed paper.



### NOTE

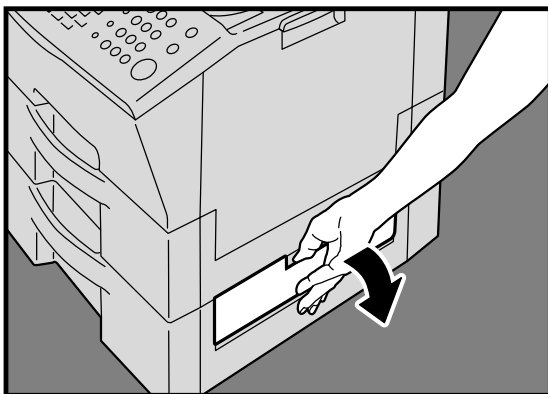
1. When clearing a misfed paper that is difficult, or impossible to see, disconnect the power cord from the machine and contact your local Panasonic Authorized Dealer.

## Problem Solving

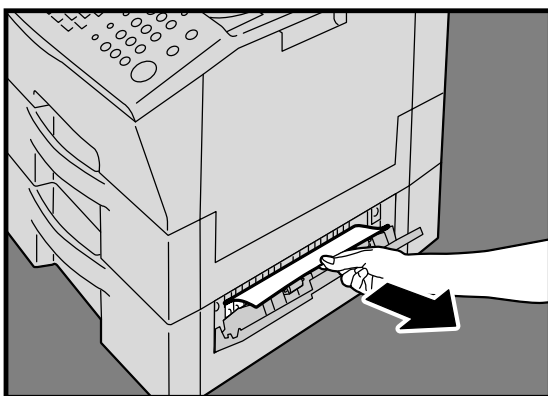
---

### ■ When the optional Tray-2 is installed

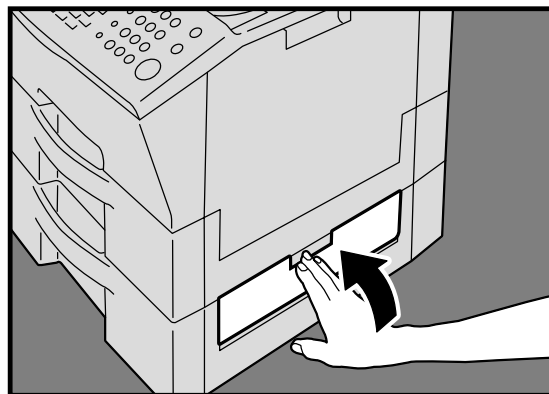
- 1** Open the Jam Cover. (Tray-2 optional)



- 2** Remove the misfed paper.



- 3** Close the Jam Cover.



---

#### NOTE

1. When clearing a misfed paper that is difficult, or impossible to see, disconnect the power cord from the machine and contact your local Panasonic Authorized Dealer.

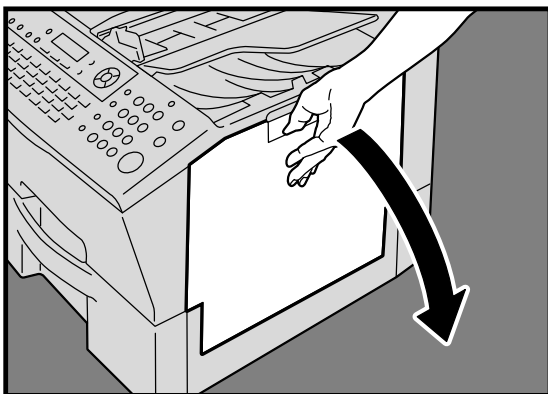
## Removing a Misfed Paper (Inside the Machine)

### ATTENTION

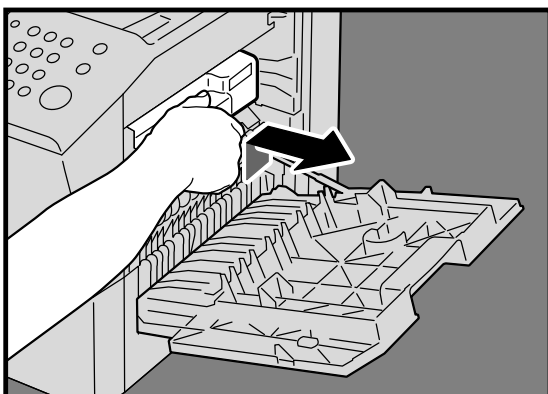
- Do not scratch or touch the surface of the OPC Drum with bare hands.  
The OPC Drum is sensitive to light. To prevent optical exposure problems, do not expose the OPC Drum to direct sunlight or bright light.

#### ■ For J43, J44

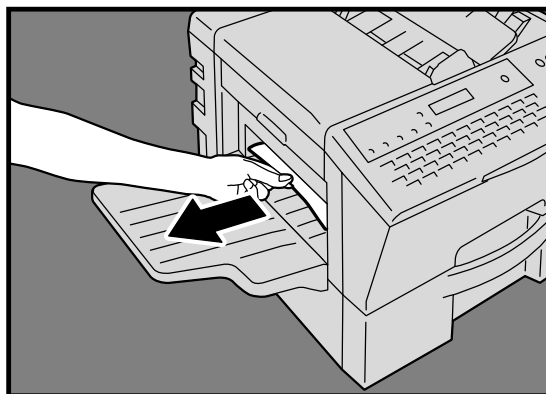
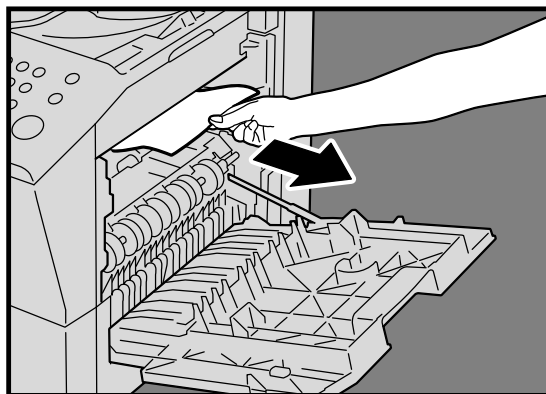
**1** Open the Right Cover.



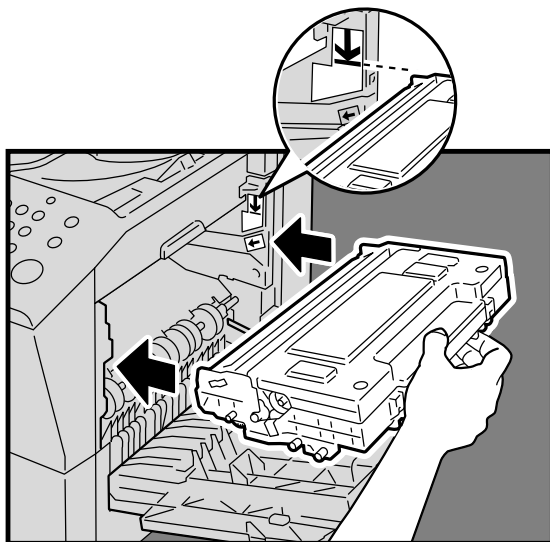
**2** Push up the Cartridge, and then pull it out.



**3** Remove the misfed paper.



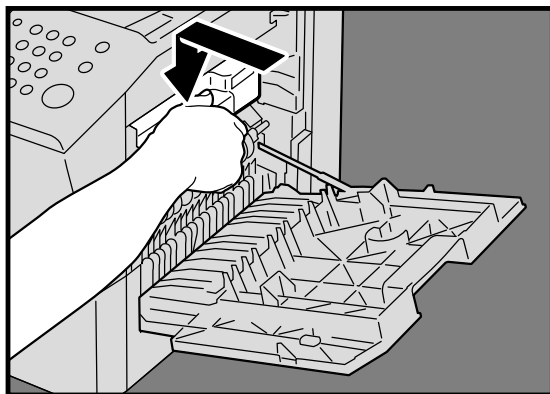
- 4** Align the top of the Toner Cartridge with the line under the arrow as illustrated below, and insert the Toner Cartridge into the machine.



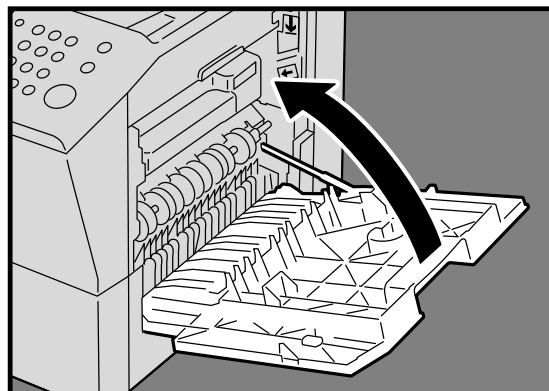
- 5** Insert the Toner Cartridge until it stops, and then push it down.

### ATTENTION

- The Right Cover will not close if the Toner Cartridge is not pushed down adequately.



- 6** Close the Right Cover.



- 7** The below message appears on the LCD when the Right Cover is closed.

NEW TONER REPLACED?  
1: YES 2: NO

- 8** 

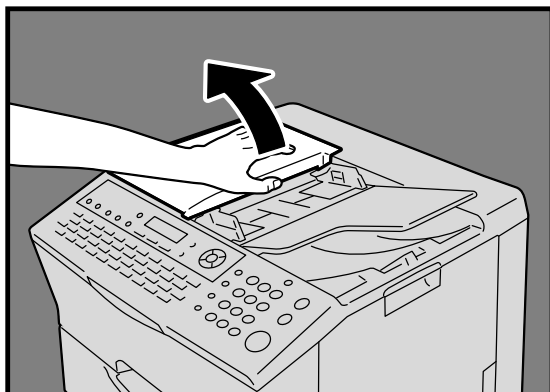
### NOTE

1. When clearing a misfed paper that is difficult, or impossible to see, disconnect the power cord from the machine and contact your local Panasonic Authorized Dealer.

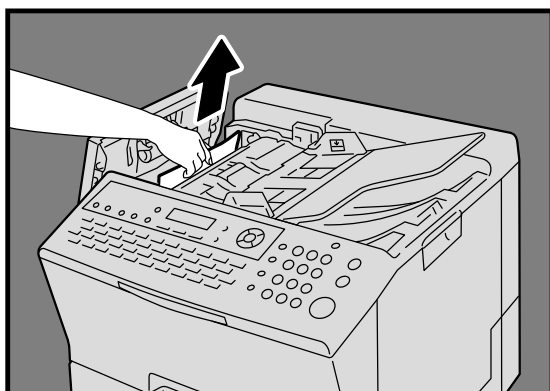
## Removing a Misfed Document (ADF)

■ For J71, J72, J74, J75, J92, J93

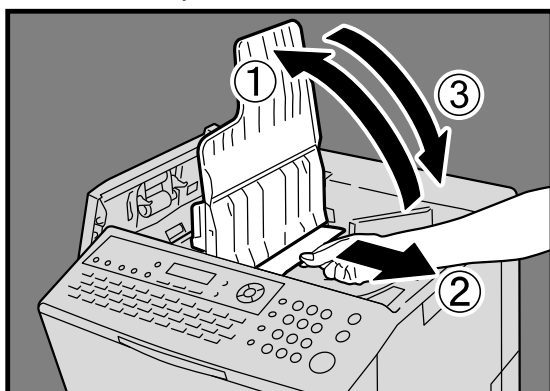
**1** Open the ADF Cover.



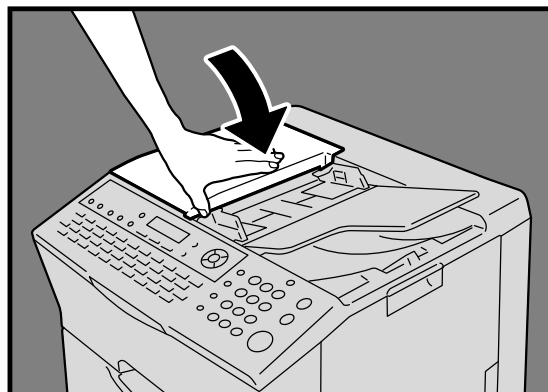
**2** Remove misfed document.



Remove misfed document in the Sub Document Tray as illustrated below.



**3** Close the ADF Cover.



### NOTE

1. When clearing a misfed document that is difficult, or impossible to see, disconnect the power cord from the machine and contact your local Panasonic Authorized Dealer.

### Information Code

When a problem occurs, the display may show one of the Information Codes listed below. These will help you to identify and correct the problem.

Info. Code	Meaning	Possible Action	Page
030	Document is misfeeding.	1.Reload the document properly. 2.Remove the document jam.	46,47, 48,49 51
031	Document is too long or jammed. Document length exceeds 39.4 inches (1000 mm). The length limitation for 600 dpi, is subject to the available Memory size. 600dpi (Max. Length is 24 inches (600 mm))	1.Reload the document properly. 2.Remove the document jam.	46,47, 48,49 51
061	ADF Cover is open.	Close the ADF Cover.	--
400	During initial connection, receiving station did not respond or communication error occurred.	1.Check with the other party. 2.Reload the document and send again.	--
402	During initial connection, communication error occurred.	Reload the document and send again.	--
403	No polling capability at the remote side.	Ask remote side to set "POLLED=ON".	--
404/405	During initial connection, communication error occurred.	Reload the document and send again.	--
406	Transmission Password does not match. Receiving Password does not match. Received from an unauthorized station in Selective Reception mode.	Check the password or the telephone number in One-Touch or ABBR. station.	--
407	No confirmation from the receiving station for the previous page sent.	Wait a few minutes and send again.	--
408/409	Remote side confirms previous page(s) is (are) illegible.	Wait a few minutes and send again.	--
410	Communication aborted by the transmitting side.	Check with the other party.	--
411	Polling password does not match.	Check the polling password.	--
412	No data from the transmitting side.	Check with the other party.	--
414	Polling password does not match.	Check the polling password.	--
415	Polling transmission error.	Check the polling password.	--
416/ 417/ 418/419	Received data has too many errors.	Check with the other party.	--
420/421	Machine goes to receiving mode, but receives no command from the transmitting side.	1.Remote side misdial. 2.Check with the other party.	--
422/427	Interface is incompatible.	Check with the other party.	--
430/434	Communication error occurred while receiving.	Check with the other party.	--
436/490	Received data has too many errors.	Check with the other party.	--

#### NOTE

1. After identifying the problem and taking the recommended action, if the Information Codes keep occurring or if Information Codes that are not listed in the above table appear, please contact your local Panasonic Authorized Dealer.



Info. Code	Meaning	Possible Action	Page
456	<ul style="list-style-type: none"> <li>Machine received a confidential document or was requested to be polled of a confidential document under any of following conditions.</li> <li>1. Not enough space in memory to receive the confidential document</li> <li>2. Confidential Mailbox is full</li> <li>3. While printing, the machine received a document.</li> <li>• Machine was requested to relay a document.</li> </ul>	1. Print a File List and check the contents. 2. Wait until machine finishes printing.	--
492/ 493/494	Communication error occurred while receiving.	Check with the other party.	--
495	Telephone line disconnected.	Check with the other party.	--
501/ 502/ 503/504	Communication error occurred using the internal V.34	Check with the other party.	--
540/ 541/ 542/ 543/544	Communication error occurred while transmitting.	1. Reload the document and send again. 2. Check with the other party.	--
550	Telephone line disconnected.	Check with the other party.	--
552/ 553/ 554/555	Communication error occurred while receiving.	Check with the other party.	--
580	Sub-address transmission to a machine that has no Sub-address function.	Check the remote station.	--
581	Sub-address Password transmission to a machine that has no Password Sub-address function.	Check the remote station.	--
623	No document loaded on the ADF.	Reload the document and send again.	--
630	Redial was not successful due to a busy line.	Reload the document and send again.	
631	During dialing, STOP was pressed.	Reload the document and send again.	
634	Redial was not successful due to no response from the called station or wrong number dialed.  <b>Note:</b> If busy tone was not detected, the machine will only redial once.	Check the telephone number and send again.	--
638	Power failure occurred during the communication.	Check the power cord and plug.	--
711	Incorrect LDAP settings.	Check the LDAP Server Name, LDAP Log in Name, LDAP password, LDAP Search Base.	--
712	Incorrect Email Address.	Check the Email Address and send again. Check the IP Address of the SMTP Server with the Network Administrator.	
714	Cannot log on to the LAN.	Check the 10Base-T/100Base-TX cable connection. An unexpected LAN problem occurred. Contact the Network Administrator.	--

## NOTE

- After identifying the problem and taking the recommended action, if the Information Codes keep occurring or if Information Codes that are not listed in the above table appear, please contact your local Panasonic Authorized Dealer.

Continued on the next page...

## Problem Solving

Info. Code	Meaning	Possible Action	Page
715	TCP/IP connection timed out.	Check the Internet Fax Parameter settings. Verify the IP Address, Default Gateway IP Address, SMTP Server IP Address.	--
716	Cannot log on to the designated SMTP Server.	Check the SMTP Server IP Address setting. Contact the Network Administrator.	--
717	Incomplete SMTP Protocol transmission. SMTP Server's hard disk may be full.	SMTP Server is defective. Contact the Network Administrator.	--
718	Page Memory Overflow occurred while receiving printing data. The paper size selected within your application to print is larger than the paper size loaded in the Paper Tray(s).	Check the document size and resolution. Ask sender to resend in a supported size and resolution.	--
719	Received data via LAN is in a format that is not supported.	Ask the originator to resend with a supported file attachment format: * In a TIFF format. * Image data equivalent to recording paper size.	--
720	Cannot connect to the POP Server (Incorrect POP Server IP Address). POP Server is down.	Check the POP Server IP Address. Contact the Network Administrator.	--
721	Cannot connect to the POP Server. (User Name or Password error)	Check the POP User Name and Password or the APOP settings. Contact the Network Administrator.	--
722	Failed to obtain IP address from the DHCP Server.	Check the 10Base-T/100Base-TX cable connection. Confirm that the Internet Parameter and the DHCP Server are correctly configured before plugging or unplugging the power cord of the machine from the wall outlet. Contact the Network Administrator.	--
725	DNS Server connection timed out. DNS Server is down.	Check the DNS Server IP Address. Contact the Network Administrator.	--
726	Received an error response from the DNS Server.	Check the POP Server Name. Check the SMTP Server Name.	--
728	The document was sent to the Internet Fax in an incompatible file format (PDF). TIFF file format is required for Internet Fax. PDF file format is only used when using the Scan-to-E-mail feature.	Change the Fax Parameter No.177 (XMT FILE TYPE) to "TIFF". (Refer to the Fax Parameter in the Operating Instructions (For Advanced Operations) on the provided CD-ROM.)	--
729	Failed to authenticate (SMTP Authentication) when connecting with the SMTP Server.	Check the SMTP Authentication. User Name and Password. Contact the Network Administrator.	--
730	Cannot retrieve the Journal nor program the Internet Parameters and the Auto Dialer remotely via Email from a PC.	Check that the Fax Parameter No. 158 (PC REMOTE UPDATE) is set to "2:Valid".	--
731	The dialer buffer for manual dialing was full (50 stations) when the Relay Transmission Request was received.	Request the sender to resend the Relay Transmission Request after the reserved communication is finished.	--

### NOTE

- After identifying the problem and taking the recommended action, if the Information Codes keep occurring or if Information Codes that are not listed in the above table appear, please contact your local Panasonic Authorized Dealer.

Info. Code	Meaning	Possible Action	Page
800/ 814/ 816/825	Machine was requested to relay a document or Confidential Communication but has no capability.	Check with the other party.	--
826	Received Sub-address is not registered in the Auto Dialer (One-Touch/ABBR. Dialing).	Check the Auto Dialer. Check the remote station.	--
850	Department Code does not match. Relay Transmission Request was rejected.	Confirm the Dept. code registered in the Fax Driver / Panafax Desktop or the machine.	--
870	Memory overflow occurred while storing documents into memory for transmission.	1. Transmit documents without storing into memory. 2. Install Optional Memory (SD Memory Card)	--
871	Overflow occurred in the management area for the file.	Wait until the machine finishes printing or sending the documents.	--

## NOTE

1. After identifying the problem and taking the recommended action, if the Information Codes keep occurring or if Information Codes that are not listed in the above table appear, please contact your local Panasonic Authorized Dealer.

# FCC Notice

## FCC Notice for Users in USA

**Warning:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

1. Reorient or relocate the receiving antenna.
2. Relocate the fax machine with respect to receiver or other equipment.
3. Connect the fax machine into outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

**Warning:** To assure continued compliance, use only USB shielded interface cable when connecting this product to host computer. Also, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**Warning:** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:	Panasonic Corporation of North America One Panasonic Way, Secaucus, NJ 07094
FCC Inquiries Only:	Panasonic Communications Company of North America/Technical Support Department Three Panasonic Way, Secaucus, NJ 07094 1-800-225-5329 Email: <a href="mailto:consumerproducts@us.panasonic.com">consumerproducts@us.panasonic.com</a>

**Note:** For Technical Support, please contact your Authorized Panasonic dealer.

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the rear panel of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

Ask your telephone company or installer to install the jack suitable for your device if such is not available.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).

If your telephone equipment causes harm to the telephone network, the Telephone Company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice isn't practical, you will be notified as soon as possible. You will be informed of your right to file a complaint with FCC.

Your telephone company may make changes in it's facilities, equipment, operations or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If you experience trouble with this telephone equipment, please contact the manufacturer's authorized service agency for information on obtaining service or repairs. The telephone company may ask that you disconnect this equipment from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.

The optional Handset Kit is hearing aid compatible.

For protection against the risk of electric shock, always disconnect all cables from the wall outlet before servicing, modifying or installing the equipment.

This equipment may not be used on coin service provided by the telephone company nor connected to party lines. Connection to party line service is subject to state tariffs. (Contact the state public utility commission, public service commission or corporation commission for information.)

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your company or a qualified installer.

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via telephone facsimile machine unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of transmission the following information:

1. Date and Time of transmission.
2. Identification of either business, business entity or individual sending the message.
3. Telephone number of either the sending machine, business entity or individual.

In order to program this information into your facsimile machine, you should refer to page 28 in this Operating Instructions to complete the steps.

**Example of Header Format (DATE and TIME, LOGO, ID Number setting)**

MMM-dd-yyyy 09:00	PANASONIC	201 348 7000	P.01/05
↑	↑	↑	
1) Date and Time	2) LOGO	3) ID Number	

## Notice to Users in Canada

### NOTICE

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to this equipment should be made by an authorized Canadian maintenance facility designated by supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.



### CAUTION

Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

### NOTICE

This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada Technical Specifications were met. It does not imply that Industry Canada approved the equipment.

On the rear panel of this equipment is a label that contains, among other information, the Registration Number and Ringer Equivalence Number (REN) for this equipment.

The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all devices does not exceed five.

## AVIS

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées cidessus n'empêche pas la dégradation du service dans certaines situations.

Les réparations de ce matériel doivent être effectuées par un centre d'entretien canadien autorisé désigné par le fournisseur. La compagnie de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise à la terre de la source d'énergie électrique, des lignes téléphoniques et des canalisations d'eau métalliques, s'il y en a, sont raccordé ensemble.

Cette précaution est particulièrement importante dans les régions rurales.



## AVERTISSEMENT

L'utilisateur ne doit pas tenter de faire ces raccordements lui-même; il doit avoir recours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.

## AVIS

Le présent matériel est conforme aux spécifications techniques d'Industrie Canada applicables au matériel terminal. Cette conformité est confirmée par le numéro d'enregistrement. Le sigle IC, placé devant le numéro d'enregistrement, signifie que l'enregistrement s'est effectué conformément à une déclaration de conformité et indique que les spécifications techniques d'Industrie Canada ont été respectées. Il n'implique pas qu'Industrie Canada a approuvé le matériel.

Sur le panneau arrière de cet appareil se trouve une étiquette, sur laquelle est indiqué, entre autres, le numéro d'enregistrement et le Numéro d'Equivalence de Sonnerie (REN) pour cet appareil.

L'IES assigné à chaque dispositif terminal indique le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

memo



# IMPORTANT INFORMATION

When requesting information, supplies or service, always refer to the model and serial number of your machine. The model and serial number plate (Main Name Plate) is located on the rear of the machine. For your convenience, space is provided below to record information you may need in the future for reference or troubleshooting.

Model No.

---

Serial No.

---

Date of Purchase

---

Dealer

---

Address

---

Telephone Number

(     )     -

---

Supplies Telephone Number

(     )     -

---

**USA Only**

## **WARRANTY**

PANASONIC COMMUNICATIONS COMPANY OF NORTH AMERICA MAKES NO WARRANTIES, GUARANTEES OR REPRESENTATIONS, EXPRESSED OR IMPLIED, TO CUSTOMER WITH RESPECT TO THIS PANASONIC MACHINE, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

PANASONIC COMMUNICATIONS COMPANY OF NORTH AMERICA ASSUMES NO RISK AND SHALL NOT BE SUBJECT TO LIABILITY FOR ANY DAMAGE, INCLUDING, BUT NOT LIMITED TO DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSS OF PROFITS SUSTAINED BY THE CUSTOMER IN CONNECTION WITH THE USE OR APPLICATION OF THIS PANASONIC MACHINE. SEE YOUR DEALER FOR DETAILS OF DEALER'S WARRANTY.

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For Service, Call: \_\_\_\_\_

Panasonic Communications Company of North America,  
Unit of Panasonic Corporation of North America  
One Panasonic Way  
Secaucus, New Jersey 07094  
<http://panasonic.co.jp/pcc/en/>

Panasonic Canada Inc.  
5770 Ambler Drive  
Mississauga, Ontario L4W 2T3  
<http://www.panasonic.ca>

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